# Yahoo Group Archive: VXR5000

Yahoo Group summary: YAESU VERTEX VXR5000 VXR 5000

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2018. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2006-10-26 through 2016-12-04

Source WARC: vxr5000.wyRTTfA.warc.gz

Source item: https://archive.org/details/yahoo-groups-2018-02-27T08-45-19Z-2339fc

Messages included in this PDF: 114

Message records with no body available in the source archive: 1

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

# 1. Welcome to the group!

Yahoo group: VXR5000
Date: 2006-10-26 01:36:27 UTC
From: n2len
Topic: 1  Message: 1

```
Test Message...
```

## 2. lack of technical help from Vertex/Yaesu

Yahoo group: VXR5000
Date: 2006-12-11 19:31:06 UTC
From: k9eui
Topic: 2  Message: 2

Has anyone been successful in getting any help with problems from the mfr? I have sent several emails and I get no response.

One problem I have is that the CW ID mutes the transmit audio so if someone is talking, their audio is cut out. Same thing happens when the "telephone" rings (the indicator that the system is about to time out).

Something else is that I want to use an external battery charger since the internal charge circuit is only good for keeping an already charged battery up. I wanted to disconnect the internal charging circuit but the circuit description does not agree with the schematic. It looks like I could remove one resistor or perhaps a diode but I am not sure.

Otherwise, it is a great box and works like a champ.

## 5. FS-200 Base Controller

Yahoo group: VXR5000
Date: 2008-08-28 09:00:57 UTC
From: tomazuka
Topic: 5  Message: 5

Hi to all.
I have a brand new FS-200 Base Controller box for VXR-5000 for sale.
Images are here;
http://picasaweb.google.com/kreatywny/FS200YAESUVXR5000BASECONTROLLER
I am open to any offers.
Thanks,
Tomas

## 6. Re: FS-200 Base Controller

Yahoo group: VXR5000
Date: 2008-08-28 23:11:33 UTC
From: n2len
Topic: 5  Message: 6

Hello Tomas...

What are you looking to get for the FS-200?

Tka,
Len

--- In VXR5000@yahoogroups.com, "tomazuka" <tomazuka@...> wrote:
>
> Hi to all.
> I have a brand new FS-200 Base Controller box for VXR-5000 for sale.
> Images are here;
> http://picasaweb.google.com/kreatywny/FS200YAESUVXR5000BASECONTROLLER
> I am open to any offers.
> Thanks,
> Tomas
>

# 8. CAT-1000 REPEATER CONTROLLER WIRED FOR A VXR-5000 ON E-BAY

Yahoo group: VXR5000
Date: 2008-09-24 03:57:47 UTC
From: n2len
Topic: 8  Message: 8

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=320303629393

## 12. Wanted Vertex VXR-5000 UHF & VHF

Yahoo group: VXR5000
Date: 2008-11-28 02:52:56 UTC
From: n2len
Topic: 12  Message: 12

Wanted Vertex VXR-5000 UHF & VHF
Wanted VERTEX VXR-5000 repeaters both UHF & VHF Models...
Kindly e-mail:
N2LEN@...

## 13. Looking for CE-8 software

Yahoo group: VXR5000
Date: 2009-04-02 14:32:02 UTC
From: graybeardnerd
Topic: 13  Message: 13

We need to change the frequency on our VXR-5000 repeater.

I've been trying to find the CE-8 Channel Editor software without success.

I searched the Yaesu and Vertex Standard web sites, but the VXR-5000 and CE-8 does not seem to exist for them.

Google only has some foreign web sites that are not rated safe.

I've searched both of the Yahoo VXR-5000 groups for CE-8 and looked in the files section without success.

Can someone please tell me how I can change our VXR-5000 frequencies?

## 14. Re: Looking for CE-8 software

Yahoo group: VXR5000
Date: 2009-07-12 21:11:06 UTC
From: graybeardnerd
Topic: 13  Message: 14

I think I finally got Yahoo to take a message.

Thanks to the guys who helped me obtain a copy of CE8.

73,

Mike

--- In VXR5000@yahoogroups.com, "graybeardnerd" <graybeardnerd@...> wrote:
>
>
> We need to change the frequency on our VXR-5000 repeater.
>
> I've been trying to find the CE-8 Channel Editor software without success.
>
> I searched the Yaesu and Vertex Standard web sites, but the VXR-5000 and CE-8 does not seem to exist for them.
>
> Google only has some foreign web sites that are not rated safe.
>
> I've searched both of the Yahoo VXR-5000 groups for CE-8 and looked in the files section without success.
>
> Can someone please tell me how I can change our VXR-5000 frequencies?
>

## 15. Unable to communicate with vxr 5000

Yahoo group: VXR5000
Date: 2009-08-04 02:35:58 UTC
From: Bill Alexander
Topic: 15  Message: 15

Just purchased from a ham, can not get software to talk to radio, I have offical vertex cable and software, I'm a dealer.

Owner did not know what freq it was on, are anything about it. Need to talk to it to see what is going on. suspect problem with control card.

Can not key it up using db 25 12 and 14, or rj8 pins 7 and 8.

Vertex Tech support does not support it any more.

Thanks for any ideals.

Alex

## 16. is this group still active?

Yahoo group: VXR5000
Date: 2009-08-28 13:46:29 UTC
From: kd4moj
Topic: 16  Message: 16

is this group still active?

## 17. what repeater do i have

Yahoo group: VXR5000
Date: 2010-03-24 03:41:08 UTC
From: Dave
Topic: 17  Message: 17

I didnt see a,b,c,d or my repeater its says vxr5000 1x vhf

any ideas and can you change the mode im looking to make a dstar repeater out of it.

Thanks

Dave

## 18. Interfacing to RLC 10 Arcom

Yahoo group: VXR5000
Date: 2010-07-05 20:55:57 UTC
From: Alex
Topic: 18  Message: 18

Trying to hook up to the above controller, I do not get PTT on pin 12 on the vertex db 25 connector, repeater works ok in its own world, using built in software.

When I ground pin 12 it does not key up the repeater.

Any ideals would be appreciated.

Alex kr6g
kr6g@...

## 19. Re: Interfacing to RLC 10 Arcom

Yahoo group: VXR5000
Date: 2010-07-05 21:12:50 UTC
From: Douglas
Topic: 18  Message: 19

I'm not familiar with Arcom.

Just off the top of my head...

You say that pulling DB25-12 low does not key the repeater. Is DB25-13 floating or pulled high? If the programming is set a certain way, then DB25-13 has to float or be pulled high before the VXR5000 will recognize DB25-12.

--- In VXR5000@yahoogroups.com, "Alex" <kr6g@...> wrote:
>
> Trying to hook up to the above controller, I do not get PTT on pin 12 on the vertex db 25 connector, repeater works ok in its own world, using built in software.
>
> When I ground pin 12 it does not key up the repeater.
>
> Any ideals would be appreciated.
>
> Alex kr6g
> kr6g@...
>

## 20. programing cable needed

Yahoo group: VXR5000
Date: 2010-07-24 17:39:03 UTC
From: Harold Bates
Topic: 20  Message: 20

The ham group is going to buy a VXR5000 and we need to get a cable to program this repeater.
Where can we get a cable?
Thanks for any help.
Harold Bates
KB5SXV

## 21. RE: [VXR5000] programing cable needed

Yahoo group: VXR5000
Date: 2010-07-28 04:21:43 UTC
From: George Smiley
Topic: 20  Message: 21

The cable for a standard/vertex 7000 will work. You may have better luck finding that one. It's more than a cable. It has some circuitry molded into the plug. Try houstonamateurradiosupply.com. I have run vxr 5000 uhf and vhf models. They worked really well. A motorola squelch module in the vhf greatly improved the range. You will need the ce27 programming software. Good luck, Geo.

> To: VXR5000@yahoogroups.com
> From: kb5sxv@...
> Date: Sat, 24 Jul 2010 17:39:03 +0000
> Subject: [VXR5000] programing cable needed
>
> The ham group is going to buy a VXR5000 and we need to get a cable to program this repeater.
> Where can we get a cable?
> Thanks for any help.
> Harold Bates
> KB5SXV
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
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---------------------------------------------------------------------
The New Busy think 9 to 5 is a cute idea. Combine multiple calendars with Hotmail.
http://www.windowslive.com/campaign/thenewbusy?tile=multicalendar&ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_5

## 22. Re: [VXR5000] programing cable needed

Yahoo group: VXR5000
Date: 2010-07-28 05:43:14 UTC
From: badboys2@aol.com
Topic: 20  Message: 22

Geo,

We have a VXR-5000 repeater for our HAM group, however I have never had the need to program it. If I recall, the software to program it was CE8 (dos based). Is CE27 new software that replaced CE8? Any info that you could provide would be greatly appreciated.

Thanks,
Paul V.

In a message dated 7/27/2010 9:22:13 P.M. Pacific Daylight Time, kc5hmi@... writes:

The cable for a standard/vertex 7000 will work. You may have better luck finding that one. It's more than a cable. It has some circuitry molded into the plug. Try houstonamateurradiosupply.com. I have run vxr 5000 uhf and vhf models. They worked really well. A motorola squelch module in the vhf greatly improved the range. You will need the ce27 programming software. Good luck, Geo.

> To: VXR5000@yahoogroups.com
> From: kb5sxv@...
> Date: Sat, 24 Jul 2010 17:39:03 +0000
> Subject: [VXR5000] programing cable needed
>
> The ham group is going to buy a VXR5000 and we need to get a cable to program this repeater.
> Where can we get a cable?
> Thanks for any help.
> Harold Bates
> KB5SXV
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

_____
The New Busy think 9 to 5 is a cute idea. Combine multiple calendars with Hotmail. _Get busy._
(http://www.windowslive.com/campaign/thenewbusy?tile=multicalendar&ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_5)

## 23. RE: [VXR5000] programing cable needed

Yahoo group: VXR5000
Date: 2010-07-30 05:15:57 UTC
From: Harold Bates
Topic: 20  Message: 23

Thanks George. we have decided to wait.

Harold D. Bates / KB5SXV

'IN GOD WE TRUST '

--- On Tue, 7/27/10, George Smiley <kc5hmi@...> wrote:

From: George Smiley <kc5hmi@...>
Subject: RE: [VXR5000] programing cable needed
To: vxr5000@yahoogroups.com
Date: Tuesday, July 27, 2010, 11:21 PM

The cable for a standard/vertex 7000 will work.  You may have better luck finding that one. It's more than a cable.  It has some circuitry molded into the plug. Try houstonamateurradio supply.com.  I have run vxr 5000 uhf and vhf models.  They worked really well.  A motorola squelch module in the vhf greatly improved the range.  You will need the ce27 programming software.  Good luck, Geo.

> To: VXR5000@yahoogroups .com
> From: kb5sxv@yahoo. com
> Date: Sat, 24 Jul 2010 17:39:03 +0000
> Subject: [VXR5000] programing cable needed
>
> The ham group is going to buy a VXR5000 and we need to get a cable to program this repeater.
> Where can we get a cable?
> Thanks for any help.
> Harold Bates
> KB5SXV
>
>
>
> ------------ --------- --------- ------
>
> Yahoo! Groups Links
>
>
>

The New Busy think 9 to 5 is a cute idea. Combine multiple calendars with Hotmail. Get busy.

## 24. 5000 and RC-85 CTCSS Tone Usage

Yahoo group: VXR5000
Date: 2010-08-01 19:40:35 UTC
From: ki5xp
Topic: 24  Message: 24

Have a problem with our setup and hopefully can get some insight on what we're doing wrong.

For starters we followed the directions on The Repeater Builder site about shorting pin 13, configuring the Vertex in Duplex Mode via the CE8 software, tapped Pin 16 and sent over to the RC85 controller for PL Tone detection.

The problem is when we enable PL tone on the receiver via the CE8 software. Logic on Pin 16 is correctly passed when PL tone is enabled on the receiver, and this correctly controls the RC 85. However, at any time we disable PL tone on the controller but leave it enabled in the receiver, and a signal is received without PL tone, the 5000's receiver will not pass audio to the transmitter.

Now, you say ground pin 17 in the DB25 hood. We've done that, straight to pin 1. I read this to say, I turn on PL encode on the receiver via the CE8 software, but since Pin 17 is shorted, the radio should ignore whether or not a pl tone is on the inbound signal, pass the audio to the transmitter, and send the logic signal out pin 16 to the decoder.

Enabling PL in the receiver correctly signals the controller to either key or not key, but if we enable it in the receiver, all inbound signals without PL are NOT passed to the transmitter, however it DOES key the transmitter.

Thanks
Charlie
KI5XP

# 25. Re: 5000 and RC-85 CTCSS Tone Usage

Yahoo group: VXR5000
Date: 2010-08-01 20:45:05 UTC
From: Douglas
Topic: 24  Message: 25

Would you list your wiring diagram? I'm most interested in your pick-off points for receive audio, COT, TOR, and the such.

It shouldn't be all that hard to do. I think the RC-85 needs gated receive audio though, and I'm not sure if the VXR-5000's gates their output audio.

I have five VXR-5000's and one R-96 in the field. Unfortunately, none of my VXR-5000's are directly connected to an RC-85, All of them are connected to RLC controllers. Yes, I have an RC-85 connected to an RLC-4. That was a bear to do...

--- In VXR5000@yahoogroups.com, "ki5xp" <cmorrison@...> wrote:
>
> Have a problem with our setup and hopefully can get some insight on what we're doing wrong.
>
> For starters we followed the directions on The Repeater Builder site about shorting pin 13, configuring the Vertex in Duplex Mode via the CE8 software, tapped Pin 16 and sent over to the RC85 controller for PL Tone detection.
>
> The problem is when we enable PL tone on the receiver via the CE8 software. Logic on Pin 16 is correctly passed when PL tone is enabled on the receiver, and this correctly controls the RC 85. However, at any time we disable PL tone on the controller but leave it enabled in the receiver, and a signal is received without PL tone, the 5000's receiver will not pass audio to the transmitter.
>
> Now, you say ground pin 17 in the DB25 hood. We've done that, straight to pin 1. I read this to say, I turn on PL encode on the receiver via the CE8 software, but since Pin 17 is shorted, the radio should ignore whether or not a pl tone is on the inbound signal, pass the audio to the transmitter, and send the logic signal out pin 16 to the decoder.
>
> Enabling PL in the receiver correctly signals the controller to either key or not key, but if we enable it in the receiver, all inbound signals without PL are NOT passed to the transmitter, however it DOES key the transmitter.
>
> Thanks
> Charlie
> KI5XP
>

# 26. RE: [VXR5000] Re: 5000 and RC-85 CTCSS Tone Usage

Yahoo group: VXR5000
Date: 2010-08-02 05:19:59 UTC
From: Charles Morrison
Topic: 24  Message: 26

Douglas,

I'm leaving on Vacation tomorrow morning and wont be back at the site probably until next week, but I can certainly give you a better insight at that time. N5KNX had originally configured and installed the repeater and the controller, which really has functioned great. Its only recently when we were forced to move the repeater to another location that we decided to look into enabling PL tone on it. Thinking it was straightforward, I followed as best I could the info on the repeater builder website.

Its most probably something in the way that its wired, but I'd have to get into taking it out of service and reexamining all of the connections and such. I think WA6MDI is planning something soon such as that, and we may get a better idea. Or we may just put a ComSpec in line and calling it good. J

Charlie

Ki5xp

From: VXR5000@yahoogroups.com [mailto:VXR5000@yahoogroups.com] On Behalf Of Douglas
Sent: Sunday, August 01, 2010 3:45 PM
To: VXR5000@yahoogroups.com
Subject: [VXR5000] Re: 5000 and RC-85 CTCSS Tone Usage

Would you list your wiring diagram? I'm most interested in your pick-off points for receive audio, COT, TOR, and the such.

It shouldn't be all that hard to do. I think the RC-85 needs gated receive audio though, and I'm not sure if the VXR-5000's gates their output audio.

I have five VXR-5000's and one R-96 in the field. Unfortunately, none of my VXR-5000's are directly connected to an RC-85, All of them are connected to RLC controllers. Yes, I have an RC-85 connected to an RLC-4. That was a bear to do...

--- In VXR5000@yahoogroups.com <mailto:VXR5000%40yahoogroups.com> , "ki5xp" <cmorrison@...> wrote:
>
> Have a problem with our setup and hopefully can get some insight on what we're doing wrong.
>
> For starters we followed the directions on The Repeater Builder site about shorting pin 13, configuring the Vertex in Duplex Mode via the CE8 software, tapped Pin 16 and sent over to the RC85 controller for PL Tone detection.
>

> The problem is when we enable PL tone on the receiver via the CE8 software. Logic on Pin 16 is correctly passed when PL tone is enabled on the receiver, and this correctly controls the RC 85. However, at any time we disable PL tone on the controller but leave it enabled in the receiver, and a signal is received without PL tone, the 5000's receiver will not pass audio to the transmitter.
>
> Now, you say ground pin 17 in the DB25 hood. We've done that, straight to pin 1. I read this to say, I turn on PL encode on the receiver via the CE8 software, but since Pin 17 is shorted, the radio should ignore whether or not a pl tone is on the inbound signal, pass the audio to the transmitter, and send the logic signal out pin 16 to the decoder.
>
> Enabling PL in the receiver correctly signals the controller to either key or not key, but if we enable it in the receiver, all inbound signals without PL are NOT passed to the transmitter, however it DOES key the transmitter.
>
> Thanks
> Charlie
> KI5XP
>

# 27. Re: 5000 and RC-85 CTCSS Tone Usage

Yahoo group: VXR5000
Date: 2010-08-02 10:54:53 UTC
From: Douglas
Topic: 24  Message: 27

Just off the top of my head...

It sounds like your logic levels are right, but your receive audio is muted unless the correct PL is being received. So we need to look at the audio path, not the logic...

I can run my VXR's in either PL or carrier mode, which I pick via commands to the controller. I think. (It's been awhile since I've disabled PL's).

I have modified my VXR-5000's for gated audio squelch, though, which may be needed to be done in your case as well. This 'gated audio' mod is pretty simple; remove a capacitor and add a jumper wire on one of the cards in the VXR-5000. It's described on the Repeater Builder site. Just do a site search for my callsign (N5HYD) and you should find it. That or send me private email and I'll forward the address (I think Yahoo strips addresses here).

Good luck.
--- In VXR5000@yahoogroups.com, "Charles Morrison" <cmorrison@...> wrote:
>
> Douglas,
>
>
> I'm leaving on Vacation tomorrow morning and wont be back at the site
> probably until next week, but I can certainly give you a better insight at
> that time. N5KNX had originally configured and installed the repeater and
> the controller, which really has functioned great. Its only recently when
> we were forced to move the repeater to another location that we decided to
> look into enabling PL tone on it. Thinking it was straightforward, I
> followed as best I could the info on the repeater builder website.
>
>
>
> Its most probably something in the way that its wired, but I'd have to get
> into taking it out of service and reexamining all of the connections and
> such. I think WA6MDI is planning something soon such as that, and we may
> get a better idea. Or we may just put a ComSpec in line and calling it
> good. J
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> Charlie
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> Ki5xp
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>
> From: VXR5000@yahoogroups.com [mailto:VXR5000@yahoogroups.com] On Behalf Of

> Douglas
> Sent: Sunday, August 01, 2010 3:45 PM
> To: VXR5000@yahoogroups.com
> Subject: [VXR5000] Re: 5000 and RC-85 CTCSS Tone Usage
>
>
>
>
>
> Would you list your wiring diagram? I'm most interested in your pick-off
> points for receive audio, COT, TOR, and the such.
>
> It shouldn't be all that hard to do. I think the RC-85 needs gated receive
> audio though, and I'm not sure if the VXR-5000's gates their output audio.
>
> I have five VXR-5000's and one R-96 in the field. Unfortunately, none of my
> VXR-5000's are directly connected to an RC-85, All of them are connected to
> RLC controllers. Yes, I have an RC-85 connected to an RLC-4. That was a bear
> to do...
>
> --- In VXR5000@yahoogroups.com <mailto:VXR5000%40yahoogroups.com> , "ki5xp"
> <cmorrison@> wrote:
> >
> > Have a problem with our setup and hopefully can get some insight on what
> we're doing wrong.
> >
> > For starters we followed the directions on The Repeater Builder site about
> shorting pin 13, configuring the Vertex in Duplex Mode via the CE8 software,
> tapped Pin 16 and sent over to the RC85 controller for PL Tone detection.
> >
> > The problem is when we enable PL tone on the receiver via the CE8
> software. Logic on Pin 16 is correctly passed when PL tone is enabled on the
> receiver, and this correctly controls the RC 85. However, at any time we
> disable PL tone on the controller but leave it enabled in the receiver, and
> a signal is received without PL tone, the 5000's receiver will not pass
> audio to the transmitter.
> >
> > Now, you say ground pin 17 in the DB25 hood. We've done that, straight to
> pin 1. I read this to say, I turn on PL encode on the receiver via the CE8
> software, but since Pin 17 is shorted, the radio should ignore whether or
> not a pl tone is on the inbound signal, pass the audio to the transmitter,
> and send the logic signal out pin 16 to the decoder.
> >
> > Enabling PL in the receiver correctly signals the controller to either key
> or not key, but if we enable it in the receiver, all inbound signals without
> PL are NOT passed to the transmitter, however it DOES key the transmitter.
> >
> > Thanks
> > Charlie
> > KI5XP

> >
>

## 28. RE weak receiver on vhf VXR 5000

Yahoo group: VXR5000
Date: 2010-08-04 11:18:21 UTC
From: Dick
Topic: 28  Message: 28

Curious about something, but I am going through a learning curve on the VXR 5000. I have reason to believe we have kind of a numb receiver. Factory specs call for .5 microvolts for 12 db Sinad. Not having a Sinad meter I am kind of stuck.

In the past I have used squelch sensitivity for a rough indication and most receivers opening at around -118 to -120 dbm as measured on my IFR 1500s with the digital output. This one is -105 dbm. I talked to a local 2 way shop and the suggestion was made there might be a software attenuator such as there is in the Motorola GM 300. Looking through the manual and I cannot find such a thing for the VXR 5000.

Obviously I could put a preamp, but all this might do is to raise the noise floor. Other suggestion was to narrow down the tuning from the broad front end as it came from the factory. This is on a VHF repeater that is operating on 146.82.

Anyone else run into this?

## 29. Re: RE weak receiver on vhf VXR 5000

Yahoo group: VXR5000
Date: 2010-09-20 01:29:19 UTC
From: dickn0ce
Topic: 28  Message: 29

I do not have the book here at home, but I recall that there is a 6 dB spread between the level it opens and closes. That can be changed to 3 dB. I don't remember how. I think it is by grounding a lead. It is in the book.

--- In VXR5000@yahoogroups.com, "Dick" <wa6mdi@...> wrote:
>
> Curious about something, but I am going through a learning curve on the VXR 5000. I have reason to believe we have kind of a numb receiver. Factory specs call for .5 microvolts for 12 db Sinad. Not having a Sinad meter I am kind of stuck.
>
> In the past I have used squelch sensitivity for a rough indication and most receivers opening at around -118 to -120 dbm as measured on my IFR 1500s with the digital output. This one is -105 dbm. I talked to a local 2 way shop and the suggestion was made there might be a software attenuator such as there is in the Motorola GM 300. Looking through the manual and I cannot find such a thing for the VXR 5000.
>
> Obviously I could put a preamp, but all this might do is to raise the noise floor. Other suggestion was to narrow down the tuning from the broad front end as it came from the factory. This is on a VHF repeater that is operating on 146.82.
>
> Anyone else run into this?
>

## 30. Question about the Audio Ground lead.

Yahoo group: VXR5000
Date: 2010-09-20 01:31:39 UTC
From: dickn0ce
Topic: 30  Message: 30

Our repeater has never had a connection on the audio ground lead. I would think it is a return path for audio. I am putting in a new controller and would like to understand the purpose for this lead. The book is not much help. Any comments?

# 31. VHF VXR-5000

Yahoo group: VXR5000
Date: 2010-10-24 22:32:14 UTC
From: m.s.edwards@sbcglobal.net
Topic: 31  Message: 31

Question to the group. Years ago, I purchased a new VHF VXR-5000 repeater that is used by a local search and rescue team in the San Francisco bay area. The repeater is still in use today and we've never had a single problem with it. This repeater is used in commerical service and we know that we must comply with the narrowbanding rules shortly. My question is this. I don't believe this repeater is narrow band compatable BUT ( there's always a But !! ) I'm reading there is a Narrowband "Option" for the VXR-5000. I'm thinking that this "option" might have been something available in certain later serial numbered radios or ??? Can someone explain this to me?? Please ..
Mike ..

# 32. Re: VHF VXR-5000

Yahoo group: VXR5000
Date: 2010-10-25 19:30:44 UTC
From: dickn0ce
Topic: 31  Message: 32

Mike,
On my next visit to the repeater site, I will look in the manual for that option. Perhaps someone else will answer before that.

--- In VXR5000@yahoogroups.com, "m.s.edwards@..." <m.s.edwards@...> wrote:
>
> Question to the group. Years ago, I purchased a new VHF VXR-5000 repeater that is used by a local search and rescue team in the San Francisco bay area. The repeater is still in use today and we've never had a single problem with it. This repeater is used in commerical service and we know that we must comply with the narrowbanding rules shortly. My question is this. I don't believe this repeater is narrow band compatable BUT ( there's always a But !! ) I'm reading there is a Narrowband "Option" for the VXR-5000. I'm thinking that this "option" might have been something available in certain later serial numbered radios or ??? Can someone explain this to me?? Please ..
> Mike ..
>

# 33. Re: VHF VXR-5000

Yahoo group: VXR5000
Date: 2010-10-26 15:26:22 UTC
From: Glen Shiery
Topic: 31  Message: 33

I did not see a narrowbanding option listed in the manual.

Accessories and Options Page 1-4
http://www.repeater-builder.com/yaesu-vertex-standard/vxr-5000/uhf-ch-1-general-info.pdf

Link to the manual, the VXR7000 info is near the bottom,
http://www.repeater-builder.com/yaesu-vertex-standard/y-v-s-index.html

Thanks

Glen Shiery
Senior DBA
Instructional and Information Technology
California State Polytechnic University Pomona
office - 909 979 6352, cell - 909 263 9748

"It is not possible to manage what you cannot control and you cannot control what you cannot measure."
-- Peter Drucker

# 34. Re: [VXR5000] Re: VHF VXR-5000

Yahoo group: VXR5000
Date: 2010-10-26 20:58:40 UTC
From: Ed Dudley
Topic: 31  Message: 34

I am not sure of the requirements for narrow band, but page 1-2 of the included link shows option E as 12.5 kHz channel spacing with a maximum deviation of 2.5 kHz as shown on the next page. That is about half of what is in use now. I do not have my manual handy (loaned it to a friend) so I do not know what you have to do to get to this spacing. It may require a hardware change but may be programmable.

Ed/WA4ISI

----- Original Message -----
From: "Glen Shiery" < grshiery@... >
To: " VXR5000@yahoogroups.com " < VXR5000@yahoogroups.com >
Sent: Tuesday, October 26 , 2010 11:26:22 AM
Subject: [VXR5000] Re: VHF VXR-5000

I did not see a narrowbanding option listed in the manual.

Accessories and Options Page 1-4

http://www.repeater-builder.com/yaesu-vertex-standard/vxr-5000/uhf-ch-1-general-info.pdf

Link to the manual, the VXR7000 info is near the bottom,

http://www.repeater-builder.com/yaesu-vertex-standard/y-v-s-index.html

Thanks

Glen Shiery
Senior DBA

Instructional and Information Technology
California State Polytechnic University Pomona

office - 909 979 6352, cell - 909 263 9748

"It is not possible to manage what you cannot control and you cannot control what you cannot measure."
-- Peter Drucker

# 35. RE: [VXR5000] Re: VHF VXR-5000

Yahoo group: VXR5000
Date: 2010-10-26 21:48:02 UTC
From: Doug Ferrell
Topic: 31  Message: 35

Narrowband has been exempted for amateur radio. But then again, your state coordination body might do it anyway.

...DOUG, KD4MOJ
30MDG#1076, FH#1125
KD4MOJ-63 APRS Messenger 2.86.1 GMSK-250

-----Original Message-----
From: VXR5000@yahoogroups.com [mailto:VXR5000@yahoogroups.com]On Behalf Of Ed Dudley
Sent: Tuesday, October 26, 2010 4:59 PM
To: VXR5000@yahoogroups.com
Subject: Re: [VXR5000] Re: VHF VXR-5000

I am not sure of the requirements for narrow band, but page 1-2 of the included link shows option E as 12.5 kHz channel spacing with a maximum deviation of 2.5 kHz as shown on the next page. That is about half of what is in use now. I do not have my manual handy (loaned it to a friend) so I do not know what you have to do to get to this spacing. It may require a hardware change but may be programmable.

Ed/WA4ISI

----- Original Message -----
From: "Glen Shiery" <grshiery@...>
To: "VXR5000@yahoogroups.com" <VXR5000@yahoogroups.com>
Sent: Tuesday, October 26, 2010 11:26:22 AM
Subject: [VXR5000] Re: VHF VXR-5000

I did not see a narrowbanding option listed in the manual.

Accessories and Options Page 1-4

http://www.repeater-builder.com/yaesu-vertex-standard/vxr-5000/uhf-ch-1-general-info.pdf

Link to the manual, the VXR7000 info is near the bottom,

http://www.repeater-builder.com/yaesu-vertex-standard/y-v-s-index.html

Thanks

Glen Shiery
Senior DBA

Instructional and Information Technology
California State Polytechnic University Pomona

office - 909 979 6352, cell - 909 263 9748

"It is not possible to manage what you cannot control and you cannot control what you cannot measure."

-- Peter Drucker

## 36. Re: lack of technical help from Vertex/Yaesu

Yahoo group: VXR5000
Date: 2010-12-06 02:58:28 UTC
From: dickn0ce
Topic: 2  Message: 36

As for the CW ID muting the audio, I think that may be a function of your controller. I would think this is where the ID is coming from.

I disabled the repeater timeout and use the controller to do the timeout. Your controller would have to have that capability, of course.

--- In VXR5000@yahoogroups.com, "k9eui" <broehrig@...> wrote:
>
> Has anyone been successful in getting any help with problems from the
> mfr? I have sent several emails and I get no response.
>
> One problem I have is that the CW ID mutes the transmit audio so if
> someone is talking, their audio is cut out. Same thing happens when
> the "telephone" rings (the indicator that the system is about to time
> out).
>
> Something else is that I want to use an external battery charger since
> the internal charge circuit is only good for keeping an already
> charged battery up. I wanted to disconnect the internal charging
> circuit but the circuit description does not agree with the
> schematic. It looks like I could remove one resistor or perhaps a
> diode but I am not sure.
>
> Otherwise, it is a great box and works like a champ.
>

## 37. Re: Interfacing to RLC 10 Arcom

Yahoo group: VXR5000
Date: 2010-12-06 03:10:06 UTC
From: dickn0ce
Topic: 18  Message: 37

Did you get your problem solved?

--- In VXR5000@yahoogroups.com, "Alex" <kr6g@...> wrote:
>
> Trying to hook up to the above controller, I do not get PTT on pin 12 on the vertex db 25 connector, repeater works ok in its own world, using built in software.
>
> When I ground pin 12 it does not key up the repeater.
>
> Any ideals would be appreciated.
>
> Alex kr6g
> kr6g@...
>

## 38. How low can I go ?

Yahoo group: VXR5000
Date: 2011-01-24 23:02:54 UTC
From: w5ppb
Topic: 38  Message: 38

Hi ! How low can I go on power on the VXR-5000 before spurs and harmonics occur ? I would like to run about 2.5 watts out so I can connect the output to an external amplifier. Thanks ! Jeff/W5PPB

## 39. Re: [VXR5000] How low can I go ?

Yahoo group: VXR5000
Date: 2011-01-25 00:02:37 UTC
From: Ed Dudley
Topic: 38  Message: 39

Sorry, I do not know how low in power you can go. Never tried that.

73.

Ed/WA4ISI
----- Original Message -----
From: "w5ppb" <w5ppb@bellsouth.net>
To: VXR5000@yahoogroups.com
Sent: Monday, January 24, 2011 6:02:54 PM
Subject: [VXR5000] How low can I go ?

Hi ! How low can I go on power on the VXR-5000 before spurs and harmonics occur ? I would like to run about 2.5 watts out so I can connect the output to an external amplifier. Thanks ! Jeff/W5PPB

## 40. Re: [VXR5000] How low can I go ?

Yahoo group: VXR5000
Date: 2011-01-25 00:08:06 UTC
From: badboys2@aol.com
Topic: 38  Message: 40

I've never tried it, but I think I recall someone posting in the past that you shouldn't go below 10 or 12 watts. I could be wrong, but for some reason those numbers stand out.

-----Original Message-----
From: Ed Dudley <edwa4isi@...>
To: VXR5000@yahoogroups.com
Sent: Mon, Jan 24, 2011 4:02 pm
Subject: Re: [VXR5000] How low can I go ?

Sorry, I do not know how low in power you can go. Never tried that.
73.
Ed/WA4ISI
----- Original Message -----
From: "w5ppb" <w5ppb@...>
To: VXR5000@yahoogroups.com
Sent: Monday, January 24, 2011 6:02:54 PM
Subject: [VXR5000] How low can I go ?

Hi ! How low can I go on power on the VXR-5000 before spurs and harmonics occur ? I would like to run about 2.5 watts out so I can connect the output to an external amplifier.
Thanks ! Jeff/W5PPB

# 41. Re: [VXR5000] How low can I go ?

Yahoo group: VXR5000
Date: 2011-01-25 01:24:25 UTC
From: Robert Roehrig (K9EUI)
Topic: 38  Message: 41

----- Original Message -----
> Hi ! How low can I go on power on the VXR-5000 before spurs and
> harmonics occur ? I would like to run about 2.5 watts out so I can
> connect the output to an external amplifier. Thanks ! Jeff/W5PPB

I have no idea if low power can result in the generation of spurs.
One thing you can do if that is a problem if you are going to feed an amp is to make a pad using x feet of RG-174 coax. I did that when feeding an amp with a 10 watt max input from a transmitter that put out 15 watts.

Bob K9EUI

# 42. RE: [VXR5000] How low can I go ?

Yahoo group: VXR5000
Date: 2011-01-27 00:26:57 UTC
From: George Smiley
Topic: 38  Message: 42

Most often a low drive amp has a small amp, say one transistor, driving a larger amp inside. I used one of these by-passing the first amp circuit, and used about 10 to 15 watts drive. It worked well. Geo./KC5HMI

> To: VXR5000@yahoogroups.com
> From: w5ppb@...
> Date: Mon, 24 Jan 2011 23:02:54 +0000
> Subject: [VXR5000] How low can I go ?
>
> Hi ! How low can I go on power on the VXR-5000 before spurs and harmonics occur ? I would like to run about 2.5 watts out so I can connect the output to an external amplifier. Thanks ! Jeff/W5PPB
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

## 43. How low can I go ?

Yahoo group: VXR5000
Date: 2011-02-05 18:58:30 UTC
From: w5ppb
Topic: 38  Message: 43

Thanks for the response to my question. I have decided to use a Bird 3 db 75 watt rf attenuator between the repeater ouput and external amplifier input. With the attenuator in line I'll be able set the yaseu output power at 12 watts. Using the attenuator will allow the perfect input power for my Vocom amplifier. Jeff/W5PPB

>>> Hi ! How low can I go on power on the VXR-5000 before spurs and harmonics occur ? I would like to run about 2.5 watts out so I can connect the output to an external amplifier. Thanks ! Jeff/W5PPB

# 44. ID'er for VXR-5000

Yahoo group: VXR5000
Date: 2011-02-05 19:01:49 UTC
From: w5ppb
Topic: 44  Message: 44

Hello ! I want to use the internal controller with an external (add on) ID'er. Any suggestions ? Has anybody used the id-o-matic ? Thanks !

Jeff Corkren/W5PPB
Raymond, MS

## 45. Programming HELP!!

Yahoo group: VXR5000
Date: 2011-02-25 13:49:42 UTC
From: no5c@bellsouth.net
Topic: 45  Message: 45

OK guys, what is my problem? Tried to program a vxr-5000 repeater fer a local club so the repeater will have tone access. Looked pretty simple by reading the manual. I have the software and I purchased a "so called programming cable" on line. It is a Chinese made copy. Claimed to be a programming cable fer the VXR-5000.
When trying to download I keep getting "PROBLEM DETECTED WITH CONNECTION TO INTERFACE BOX, COMMUNICATION ABORTED". There is no communication between computer and rptr. I'm not sure what the interface box is?? I feel like it is part of a authentic VPL-1 cable?????
Do I need aa authentic VPL-1 cable?? I feel like I do. Where can I find one???
Just need it to use to program this one reptr.
Also the instructions say use F4 to download from rptr. Along the bottom of the program the software says F4 is to down load and F3 is to upload. Once you hit F4 it shows in the screen thst it is goin to transfer to rptr and F3 says it is transferring to computer. VERY MISLEADING!!!

Thanks in advance fer the help,

Dennis no5c

# 46. Re: [VXR5000] Programming HELP!!

Yahoo group: VXR5000
Date: 2011-02-25 17:47:27 UTC
From: Ed Dudley
Topic: 45  Message: 46

Do you have it hooked to the programmimg port? Take the cover off to get to it.

I found if you first enter the alignment mode it will connect ----then switch to the programming mode to do the tones. I don;t have the manual or cable or the computer with me -- so I am going from memory

Ed/WA4ISI
----- Original Message -----
From: no5c@...
To: VXR5000@yahoogroups.com
Sent: Friday, February 25, 2011 8:49:42 AM
Subject: [VXR5000] Programming HELP!!

OK guys, what is my problem? Tried to program a vxr-5000 repeater fer a local club so the repeater will have tone access. Looked pretty simple by reading the manual. I have the software and I purchased a "so called programming cable" on line. It is a Chinese made copy. Claimed to be a programming cable fer the VXR-5000.
When trying to download I keep getting "PROBLEM DETECTED WITH CONNECTION TO INTERFACE BOX, COMMUNICATION ABORTED". There is no communication between computer and rptr. I'm not sure what the interface box is?? I feel like it is part of a authentic VPL-1 cable?????
Do I need aa authentic VPL-1 cable?? I feel like I do. Where can I find one???
Just need it to use to program this one reptr.
Also the instructions say use F4 to download from rptr. Along the bottom of the program the software says F4 is to down load and F3 is to upload. Once you hit F4 it shows in the screen thst it is goin to transfer to rptr and F3 says it is transferring to computer. VERY MISLEADING!!!

Thanks in advance fer the help,

Dennis no5c

# 47. Re: Programming HELP!!

Yahoo group: VXR5000
Date: 2011-02-26 04:39:58 UTC
From: no5c@bellsouth.net
Topic: 45  Message: 47

THANKS ED!!
We will try the 4800 bps tomorrow or Sunday. Tried 1200 and couple of others. Another guy was on the computer. He has a older laptop w/ XP. Another Buddy has one w/ Win 98 on it. Will try it also. Also will try alignment mode as well. Not sure if we tried that???? We are using the plug inside on the cntrl board.
Ran across a article on a qrz/forum on this topic from a couple years back. I think you had some input on it as well. Nothing seems to be as simple as it shud be!!!!!

The cable I have, Cud it have the IC and other components mounted in the db9 assembly???? Not much room in there. Hopefully I'm using the correct cable.
Will let you know what happens.

Thanks,
Dennis no5c

--- In VXR5000@yahoogroups.com, Ed Dudley <edwa4isi@...> wrote:
>
>
>
> Do you have it hooked to the programmimg port? Take the cover off to get to it.
>
>
>
> I found if you first enter the alignment mode it will connect ----then switch to the programming mode to do the tones. I don;t have the manual or cable or the computer with me -- so I am going from memory
>
> Ed/WA4ISI
> ----- Original Message -----
> From: no5c@...
> To: VXR5000@yahoogroups.com
> Sent: Friday, February 25, 2011 8:49:42 AM
> Subject: [VXR5000] Programming HELP!!
>
> Â
>
>
>
>
> OK guys, what is my problem? Tried to program a vxr-5000 repeater fer a local
> club so the repeater will have tone access. Looked pretty simple by reading the
> manual. I have the software and I purchased a "so called programming cable" on
> line. It is a Chinese made copy. Claimed to be a programming cable fer the
> VXR-5000.
> When trying to download I keep getting "PROBLEM DETECTED WITH CONNECTION TO
> INTERFACE BOX, COMMUNICATION ABORTED". There is no communication between

> computer and rptr. I'm not sure what the interface box is?? I feel like it is
> part of a authentic VPL-1 cable?????
> Do I need aa authentic VPL-1 cable?? I feel like I do. Where can I find one???
> Just need it to use to program this one reptr.
> Also the instructions say use F4 to download from rptr. Along the bottom of the
> program the software says F4 is to down load and F3 is to upload. Once you hit
> F4 it shows in the screen thst it is goin to transfer to rptr and F3 says it is
> transferring to computer. VERY MISLEADING!!!
>
> Thanks in advance fer the help,
>
> Dennis no5c
>

# 48. Re: Programming HELP!!

Yahoo group: VXR5000
Date: 2011-02-27 02:43:54 UTC
From: no5c@bellsouth.net
Topic: 45  Message: 48

OK;
One more question???? Is f4 the correct control to download from the rptr to the controller as the manual says or does f3 do this as the software shows in the down/up load screen???
Dennis no5c

--- In VXR5000@yahoogroups.com, "no5c@..." <no5c@...> wrote:
>
> THANKS ED!!
> We will try the 4800 bps tomorrow or Sunday. Tried 1200 and couple of others. Another guy was on the computer. He has a older laptop w/ XP. Another Buddy has one w/ Win 98 on it. Will try it also. Also will try alignment mode as well. Not sure if we tried that???? We are using the plug inside on the cntrl board.
> Ran across a article on a qrz/forum on this topic from a couple years back. I think you had some input on it as well. Nothing seems to be as simple as it shud be!!!!!
>
> The cable I have, Cud it have the IC and other components mounted in the db9 assembly???? Not much room in there. Hopefully I'm using the correct cable.
> Will let you know what happens.
>
> Thanks,
> Dennis no5c
>
> --- In VXR5000@yahoogroups.com, Ed Dudley <edwa4isi@> wrote:
> >
> >
> >
> > Do you have it hooked to the programmimg port? Take the cover off to get to it.
> >
> >
> >
> > I found if you first enter the alignment mode it will connect ----then switch to the programming mode to do the tones. I don;t have the manual or cable or the computer with me -- so I am going from memory
> >
> > Ed/WA4ISI
> > ----- Original Message -----
> > From: no5c@
> > To: VXR5000@yahoogroups.com
> > Sent: Friday, February 25, 2011 8:49:42 AM
> > Subject: [VXR5000] Programming HELP!!
> >
> > Â
> >
> >
> >

> >
> > OK guys, what is my problem? Tried to program a vxr-5000 repeater fer a local
> > club so the repeater will have tone access. Looked pretty simple by reading the
> > manual. I have the software and I purchased a "so called programming cable" on
> > line. It is a Chinese made copy. Claimed to be a programming cable fer the
> > VXR-5000.
> > When trying to download I keep getting "PROBLEM DETECTED WITH CONNECTION TO
> > INTERFACE BOX, COMMUNICATION ABORTED". There is no communication between
> > computer and rptr. I'm not sure what the interface box is?? I feel like it is
> > part of a authentic VPL-1 cable?????
> > Do I need aa authentic VPL-1 cable?? I feel like I do. Where can I find one???
> > Just need it to use to program this one reptr.
> > Also the instructions say use F4 to download from rptr. Along the bottom of the
> > program the software says F4 is to down load and F3 is to upload. Once you hit
> > F4 it shows in the screen thst it is goin to transfer to rptr and F3 says it is
> > transferring to computer. VERY MISLEADING!!!
> >
> > Thanks in advance fer the help,
> >
> > Dennis no5c
> >
>

## 49. Re: Programming HELP!!

Yahoo group: VXR5000
Date: 2011-02-28 02:44:24 UTC
From: no5c@bellsouth.net
Topic: 45  Message: 49

Thanks Ed and others. Finally got the the vxr-5000 to program. After setting to 4800bps it took several attempts but it started working. Not sure what we did, Just kept trying. F3 and F4 do opposite of what the manual says.

Thanks alot,
Dennis no5c

--- In VXR5000@yahoogroups.com, "no5c@..." <no5c@...> wrote:
>
> THANKS ED!!
> We will try the 4800 bps tomorrow or Sunday. Tried 1200 and couple of others. Another guy was on the computer. He has a older laptop w/ XP. Another Buddy has one w/ Win 98 on it. Will try it also. Also will try alignment mode as well. Not sure if we tried that???? We are using the plug inside on the cntrl board.
> Ran across a article on a qrz/forum on this topic from a couple years back. I think you had some input on it as well. Nothing seems to be as simple as it shud be!!!!!
>
> The cable I have, Cud it have the IC and other components mounted in the db9 assembly???? Not much room in there. Hopefully I'm using the correct cable.
> Will let you know what happens.
>
> Thanks,
> Dennis no5c
>
> --- In VXR5000@yahoogroups.com, Ed Dudley <edwa4isi@> wrote:
> >
> >
> >
> > Do you have it hooked to the programmimg port? Take the cover off to get to it.
> >
> >
> >
> > I found if you first enter the alignment mode it will connect ----then switch to the programming mode to do the tones. I don;t have the manual or cable or the computer with me -- so I am going from memory
> >
> > Ed/WA4ISI
> > ----- Original Message -----
> > From: no5c@
> > To: VXR5000@yahoogroups.com
> > Sent: Friday, February 25, 2011 8:49:42 AM
> > Subject: [VXR5000] Programming HELP!!
> >
> > Â
> >

> >
> >
> >
> > OK guys, what is my problem? Tried to program a vxr-5000 repeater fer a local
> > club so the repeater will have tone access. Looked pretty simple by reading the
> > manual. I have the software and I purchased a "so called programming cable" on
> > line. It is a Chinese made copy. Claimed to be a programming cable fer the
> > VXR-5000.
> > When trying to download I keep getting "PROBLEM DETECTED WITH CONNECTION TO
> > INTERFACE BOX, COMMUNICATION ABORTED". There is no communication between
> > computer and rptr. I'm not sure what the interface box is?? I feel like it is
> > part of a authentic VPL-1 cable?????
> > Do I need aa authentic VPL-1 cable?? I feel like I do. Where can I find one???
> > Just need it to use to program this one reptr.
> > Also the instructions say use F4 to download from rptr. Along the bottom of the
> > program the software says F4 is to down load and F3 is to upload. Once you hit
> > F4 it shows in the screen thst it is goin to transfer to rptr and F3 says it is
> > transferring to computer. VERY MISLEADING!!!
> >
> > Thanks in advance fer the help,
> >
> > Dennis no5c
> >
>

# 50. VHF VXR 5000 ???

Yahoo group: VXR5000
Date: 2011-11-04 03:52:36 UTC
From: n3ssl
Topic: 50  Message: 50

Hi Group,

I recently aquired a vhf vxr5000 and is programmed to use the internal controller. the problem i am having is it acts like it is deaf passes signals above .700uv and around .445uv i notice service manual calls for .350uv @12DB Sinad.

Is there something loading internal controller down or some mode needs done.

Also this unit does not have the internal power supply and wonding how to set up for 25watts output.

Ryan n3ssl

# 51. RE: [VXR5000] VHF VXR 5000 ???

Yahoo group: VXR5000
Date: 2011-11-05 02:54:48 UTC
From: George Smiley
Topic: 50  Message: 51

I operated one, years ago. Rec. wasn't too bad, but the poor squelch would drop a very readable signal, especially if there slight fading or picket fence mobile signal. I complained, sent it to the factory, and THEY SAID it was performing to spec. Link Comm knew about that problem, and suggested a motorolla squelch module. We installed one, and that greatly extended the range of the repeater.
Our uhf vxr 5000 did not seem to have a problem with the squelch.
The power adjustment is on the transmitter board, I think. 73, Geo.

> To: VXR5000@yahoogroups.com
> From: n3ssl@...
> Date: Fri, 4 Nov 2011 03:52:36 +0000
> Subject: [VXR5000] VHF VXR 5000 ???
>
> Hi Group,
>
> I recently aquired a vhf vxr5000 and is programmed to use the internal controller. the problem i am having is it acts like it is deaf passes signals above .700uv and around .445uv i notice service manual calls for .350uv @12DB Sinad.
>
> Is there something loading internal controller down or some mode needs done.
>
> Also this unit does not have the internal power supply and wonding how to set up for 25watts output.
>
> Ryan n3ssl
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

## 52. Stopped working after programming attempts

Yahoo group: VXR5000
Date: 2012-02-27 18:54:49 UTC
From: kg4rul
Topic: 52  Message: 52

My VXR5000 has stopped operating after several, unsuccessful programming attempts. The unit had worked perfectly previously and was being re-programmed to included CTCSS tones.

I have never gotten the CE8 software to successfully read from the repeater. It always came back with an error message after I pressed the space bar to start the transfer.

Is is possible that, even though the software indicated an error, it somehow scrambled the EEPROM???

I have tried the CE8 software on various older WIN 98/95 machines with no success. I currently have an older AMS brand WIN 95 laptop, awaiting the arrival of a charger, to try yet again.

# 53. Re: [VXR5000] Stopped working after programming attempts

Yahoo group: VXR5000
Date: 2012-02-27 20:11:40 UTC
From: Richard Fjeld
Topic: 52  Message: 53

The software has worked fine for me, but can be touchy to get the connection going.
I use a Win98 computer, and boot up from a dos bootable floppy disk that has the software on it. I think I have even booted up in DOS, and then used the software from my hard-drive. It seems to be necessary to boot up in DOS, not Windows first.

I use a straight serial cable, no USB adapter. I hope you saved your configuration before you started to upload, which reminds me, the upload vs. download seems to be the opposite of my understanding. That may be part of your problem.

73,
Dick, n0ce

----- Original Message -----
From: kg4rul
To: VXR5000@yahoogroups.com
Sent: Monday, February 27, 2012 12:54 PM
Subject: [VXR5000] Stopped working after programming attempts

My VXR5000 has stopped operating after several, unsuccessful programming attempts. The unit had worked perfectly previously and was being re-programmed to included CTCSS tones.

I have never gotten the CE8 software to successfully read from the repeater. It always came back with an error message after I pressed the space bar to start the transfer.

Is is possible that, even though the software indicated an error, it somehow scrambled the EEPROM???

I have tried the CE8 software on various older WIN 98/95 machines with no success. I currently have an older AMS brand WIN 95 laptop, awaiting the arrival of a charger, to try yet again.

# 54. Re: Stopped working after programming attempts

Yahoo group: VXR5000
Date: 2012-02-27 20:19:25 UTC
From: kg4rul
Topic: 52  Message: 54

Actually, I was attempting to download the configuration from the repeater when everything went down the tubes! HI HI

Murphy strikes yet again!!!!!

--- In VXR5000@yahoogroups.com, "Richard Fjeld" <rpfjeld@...> wrote:
>
> The software has worked fine for me, but can be touchy to get the connection going.
> I use a Win98 computer, and boot up from a dos bootable floppy disk that has the software on it. I think I have even booted up in DOS, and then used the software from my hard-drive. It seems to be necessary to boot up in DOS, not Windows first.
>
> I use a straight serial cable, no USB adapter. I hope you saved your configuration before you started to upload, which reminds me, the upload vs. download seems to be the opposite of my understanding. That may be part of your problem.
>
> 73,
> Dick, n0ce
>
>
> ----- Original Message -----
> From: kg4rul
> To: VXR5000@yahoogroups.com
> Sent: Monday, February 27, 2012 12:54 PM
> Subject: [VXR5000] Stopped working after programming attempts
>
>
>
> My VXR5000 has stopped operating after several, unsuccessful programming attempts. The unit had worked perfectly previously and was being re-programmed to included CTCSS tones.
>
> I have never gotten the CE8 software to successfully read from the repeater. It always came back with an error message after I pressed the space bar to start the transfer.
>
> Is is possible that, even though the software indicated an error, it somehow scrambled the EEPROM???
>
> I have tried the CE8 software on various older WIN 98/95 machines with no success. I currently have an older AMS brand WIN 95 laptop, awaiting the arrival of a charger, to try yet again.
>

# 55. Re: [VXR5000] Re: Stopped working after programming attempts

Yahoo group: VXR5000
Date: 2012-02-27 20:38:29 UTC
From: Richard Fjeld
Topic: 52  Message: 55

That may be because the button shown for this may really be the actual upload button.
As I recall, the upload and download are reversed. Review the manual if you have it, also.

Anyone else want to chime in?

----- Original Message -----
From: kg4rul
To: VXR5000@yahoogroups.com
Sent: Monday, February 27, 2012 2:19 PM
Subject: [VXR5000] Re: Stopped working after programming attempts

Actually, I was attempting to download the configuration from the repeater when everything went down the tubes! HI HI

Murphy strikes yet again!!!!!

--- In VXR5000@yahoogroups.com, "Richard Fjeld" <rpfjeld@...> wrote:
>
> The software has worked fine for me, but can be touchy to get the connection going.
> I use a Win98 computer, and boot up from a dos bootable floppy disk that has the software on it. I think I have even booted up in DOS, and then used the software from my hard-drive. It seems to be necessary to boot up in DOS, not Windows first.
>
> I use a straight serial cable, no USB adapter. I hope you saved your configuration before you started to upload, which reminds me, the upload vs. download seems to be the opposite of my understanding. That may be part of your problem.
>
> 73,
> Dick, n0ce
>
>
> ----- Original Message -----
> From: kg4rul
> To: VXR5000@yahoogroups.com
> Sent: Monday, February 27, 2012 12:54 PM
> Subject: [VXR5000] Stopped working after programming attempts
>
>
>
> My VXR5000 has stopped operating after several, unsuccessful programming attempts. The unit had worked perfectly previously and was being re-programmed to included CTCSS tones.
>
> I have never gotten the CE8 software to successfully read from the repeater. It always came back with an error message after I pressed the space bar to start the transfer.
>
> Is is possible that, even though the software indicated an error, it somehow scrambled

the EEPROM???
>
> I have tried the CE8 software on various older WIN 98/95 machines with no success. I currently have an older AMS brand WIN 95 laptop, awaiting the arrival of a charger, to try yet again.
>

# 56. Re: [VXR5000] Re: Stopped working after programming attempts

Yahoo group: VXR5000
Date: 2012-02-27 21:49:28 UTC
From: Robert Roehrig (K9EUI)
Topic: 52  Message: 56

----- Original Message -----
> That may be because the button shown for this may really be the actual
> upload button.
> As I recall, the upload and download are reversed. Review the manual
> if you have it, also.
>
> Anyone else want to chime in?

If I remember I will look at my setup tonight. I remember it was confusing so I wrote the proceedure down on a note card I keep inside the laptop.

Bob K9EUI

# 57. Re: [VXR5000] Stopped working after programming attempts

Yahoo group: VXR5000
Date: 2012-02-28 00:59:30 UTC
From: Ed Dudley
Topic: 52  Message: 57

Try entering the alignment mode first. Don't do any changes -- just connect. T hen switch to the programming mose. I found this to work when I could not read the radio.

Ed/WA4ISI

----- Original Message -----

My VXR5000 has stopped operating after several, unsuccessful programming attempts. The unit had worked perfectly previously and was being re-programmed to included CTCSS tones.

I have never gotten the CE8 software to successfully read from the repeater. It always came back with an error message after I pressed the space bar to start the transfer.

Is is possible that, even though the software indicated an error, it somehow scrambled the EEPROM???

I have tried the CE8 software on various older WIN 98/95 machines with no success. I currently have an older AMS brand WIN 95 laptop, awaiting the arrival of a charger, to try yet again.

# 58. Re: [VXR5000] Stopped working after programming attempts

Yahoo group: VXR5000
Date: 2012-03-02 02:44:49 UTC
From: Richard Fjeld
Topic: 52  Message: 58

If you need, I can fire up my old Win98 laptop that I use, and send you some of the settings, or maybe even the whole file. If your IF is the same, you could enter the needed items, including the Tx/Rx frequency, and power level, and if you use CTCSS tones. As for the timers, etc., I let our controller do all that. The software does work good with my Win98 laptop. It's been so long since I have had to do anything to it that I will have to get up to speed again.

There are some switches on the control board. I don't have any info on how they should be set, so I left them the way they were.

Dick, n0ce

----- Original Message -----
From: Ed Dudley
To: VXR5000@yahoogroups.com
Sent: Monday, February 27, 2012 6:59 PM
Subject: Re: [VXR5000] Stopped working after programming attempts

Try entering the alignment mode first. Don't do any changes -- just connect. Then switch to the programming mose. I found this to work when I could not read the radio.

Ed/WA4ISI

---

My VXR5000 has stopped operating after several, unsuccessful programming attempts. The unit had worked perfectly previously and was being re-programmed to included CTCSS tones.

I have never gotten the CE8 software to successfully read from the repeater. It always came back with an error message after I pressed the space bar to start the transfer.

Is is possible that, even though the software indicated an error, it somehow scrambled the EEPROM???

I have tried the CE8 software on various older WIN 98/95 machines with no success. I currently have an older AMS brand WIN 95 laptop, awaiting the arrival of a charger, to try yet again.

## 59. Re: [VXR5000] Re: Stopped working after programming attempts

Yahoo group: VXR5000
Date: 2012-03-03 16:49:43 UTC
From: Robert Roehrig (K9EUI)
Topic: 52  Message: 59

Sorry for the delay. Here is what my notes say about programming the VXR-5000:

Load program and select CLONE mode
F5 to load program (clone.rpt)

Make changes wanted
F6 to save to disk
F4 to copy to repeater

F3 copies data from repeater to disk.

Hope that helps.
K9EUI

# 60. Re: [VXR5000] Re: Stopped working after programming attempts

Yahoo group: VXR5000
Date: 2012-03-03 17:45:36 UTC
From: Ed Dudley
Topic: 52  Message: 60

Additional note:  I have had trouble getting the program to read from the repeater. I have found that if you first select ALIGNMENT mode and read from the radio and do not make any changes and then switch to CLONE mode -- then it will "connect" to the radio. Then procede with the directions K9EUI has provided.

WA4ISI

----- Original Message -----

Sorry for the delay. Here is what my notes say about programming the VXR-5000:

Load program and select CLONE mode
F5 to load program (clone.rpt)

Make changes wanted
F6 to save to disk
F4 to copy to repeater

F3 copies data from repeater to disk.

Hope that helps.
K9EUI

## 61. Re: Stopped working after programming attempts

Yahoo group: VXR5000
Date: 2012-03-04 14:46:51 UTC
From: kg4rul
Topic: 52  Message: 61

I am using a genuine Yaesu programming cable and an MSDOS boot floppy with the -D switch in the batch file. This is the exact error message that appears when I attempt to use F3 to download from the repeater - both for Clone and Alignment modes:

Problem with connection to
Interface Box. Communication aborted.
Push a key

Does this mean that there is a problem with the serial port in the computer OR a problem with the programming cable OR a problem with the programming port in the repeater???

Is there some magic combination of parameters to enter into the Mode.com program to get the serial port to talk to the repeater?

--- In VXR5000@yahoogroups.com, "kg4rul" <kg4rul@...> wrote:
>
> My VXR5000 has stopped operating after several, unsuccessful programming attempts. The unit had worked perfectly previously and was being re-programmed to included CTCSS tones.
>
> I have never gotten the CE8 software to successfully read from the repeater. It always came back with an error message after I pressed the space bar to start the transfer.
>
> Is is possible that, even though the software indicated an error, it somehow scrambled the EEPROM???
>
> I have tried the CE8 software on various older WIN 98/95 machines with no success. I currently have an older AMS brand WIN 95 laptop, awaiting the arrival of a charger, to try yet again.
>

# 62. Re: [VXR5000] Re: Stopped working after programming attempts

Yahoo group: VXR5000
Date: 2012-03-04 16:18:45 UTC
From: Robert Roehrig (K9EUI)
Topic: 52  Message: 62

```
----- Original Message -----
> I am using a genuine Yaesu programming cable and an MSDOS boot floppy
> with the -D switch in the batch file. This is the exact error message
> that appears when I attempt to use F3 to download from the repeater -
> both for Clone and Alignment modes:
>
> Problem with connection to
> Interface Box. Communication aborted.
> Push a key
>
> Does this mean that there is a problem with the serial port in the
> computer OR a problem with the programming cable OR a problem with the
> programming port in the repeater???
>
> Is there some magic combination of parameters to enter into the
> Mode.com program to get the serial port to talk to the repeater?

Did you move the switch in the unit to the proper position?
```

# 63. Re: Stopped working after programming attempts

Yahoo group: VXR5000
Date: 2012-03-04 18:00:28 UTC
From: kg4rul
Topic: 52  Message: 63

What switch? There is no mention of a switch in the user manual or the programming software instructions.

Also, the middle of the 3 LEDs on the CNTL1 board (ALM) is illuminated.

--- In VXR5000@yahoogroups.com, "Robert Roehrig (K9EUI)" <broehrig@...> wrote:
>
>
>
> ----- Original Message -----
> > I am using a genuine Yaesu programming cable and an MSDOS boot floppy
> > with the -D switch in the batch file. This is the exact error message
> > that appears when I attempt to use F3 to download from the repeater -
> > both for Clone and Alignment modes:
> >
> > Problem with connection to
> > Interface Box. Communication aborted.
> > Push a key
> >
> > Does this mean that there is a problem with the serial port in the
> > computer OR a problem with the programming cable OR a problem with the
> > programming port in the repeater???
> >
> > Is there some magic combination of parameters to enter into the
> > Mode.com program to get the serial port to talk to the repeater?
>
> Did you move the switch in the unit to the proper position?
>

# 64. Re: [VXR5000] Re: Stopped working after programming attempts

Yahoo group: VXR5000
Date: 2012-03-04 20:50:26 UTC
From: Robert Roehrig (K9EUI)
Topic: 52  Message: 64

----- Original Message -----
> What switch? There is no mention of a switch in the user manual or the
> programming software instructions.

I am not at our repeater location and it has been many months since I last changed any programming so I can't remember the switch. I am sure someone else here can give the details. The switch is on top of one of the boards (I think near the RJ-45 connector). I believe you have to slide it to the left-most position (I may be wrong here).

# 65. Re: Stopped working after programming attempts

Yahoo group: VXR5000
Date: 2012-03-04 23:44:13 UTC
From: kg4rul
Topic: 52  Message: 65

EUREKA, that was it!

TNX to all who helped.

Dennis KG4RUL

--- In VXR5000@yahoogroups.com, "Robert Roehrig (K9EUI)" <broehrig@...> wrote:
>
>
>
> ----- Original Message -----
> > What switch? There is no mention of a switch in the user manual or the
> > programming software instructions.
>
> I am not at our repeater location and it has been many months since I last changed any programming so I can't remember the switch. I am sure someone else here can give the details. The switch is on top of one of the boards (I think near the RJ-45 connector). I believe you have to slide it to the left-most position (I may be wrong here).
>

# 66. Has anyone been successful at PL-mute using an external controller

Yahoo group: VXR5000
Date: 2012-03-08 16:47:07 UTC
From: n2len
Topic: 66  Message: 66

I am trying to configure the VXR5000 repeater to encode only while the receiver is active.

Looking at the DB25 it appears that there is no pin with "TX PL" audio on it.
If I'm missing something....
Usually when grounding this pin will mute the PL. Connecting this pin to a CTCSS output line on the external controller should function perfectly when programmed and macroed properly.

Pin 16 Tone Det works fine for CTCSS input of the external controller for PL decode works perfectly.

Or...
Does anyone have any experience with interfacing a TS-64 and configuring it to encode Pl only when the receiver is active with an external controller and the VXR5000?

Thanks....

# 67. mods out band for repeater vxr-5000

Yahoo group: VXR5000
Date: 2012-04-22 22:31:42 UTC
From: paolovvf69
Topic: 67  Message: 67

I was told that there is a change to use the repeater off banda, as I tried to program it on 174MHz but the rx and deaf, someone can help me to solve the problem? thanks

sorry for the language but are an amateur Italian.....

## 68. Hello

Yahoo group: VXR5000
Date: 2012-04-28 19:20:14 UTC
From: Bill Alexander
Topic: 68  Message: 68

you should check this thing out http://t.co/PDwTIRQ5

~*Advertisement

# 69. Vertex VXR-5000 Repeater

Yahoo group: VXR5000
Date: 2012-06-09 16:15:55 UTC
From: aliceshark80
Topic: 69  Message: 69

I have a VXR-5000 UHF "D" model 450 to 470 Mhz that I want to reprogram to the Ham band, 444 Mhz tx and 449 Mhz receive. Are there any extra retuning changes that need to made or just reprogramming using the software will do the trick? If retuning any components are required which components will need to be retuned...Thanks...

# 70. VHF VXR-5000 No TX

Yahoo group: VXR5000
Date: 2012-12-24 13:38:23 UTC
From: ran123k
Topic: 70  Message: 70

Hi. I have a vhf vxr-5000 with no tx. Measured power at the tx connector (pa output) is .015 watts. I measured the power out of the tx module, and I get roughly the same, .012 watts. What do you typically see at the output of the tx module?

Thanks!

# 71. New file uploaded to VXR5000

Yahoo group: VXR5000
Date: 2013-01-18 17:07:09 UTC
From: VXR5000@yahoogroups.com
Topic: 71  Message: 71

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the VXR5000
group.

File : /VXR-5000 UHF_Instruction Manual.part1.rar
Uploaded by : garrettramsey21 <garrettramsey21@...>
Description : VXR-5000 UHF Instruction Manual- Part 1

You can access this file at the URL:
http://groups.yahoo.com/group/VXR5000/files/VXR-5000%20UHF_Instruction%20Manual.part1.rar

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

garrettramsey21 <garrettramsey21@...>

# 72. Deaf UHF VXR-5000

Yahoo group: VXR5000
Date: 2013-01-24 18:28:39 UTC
From: Andy G3UEQ
Topic: 72  Message: 72

Hi
Newbie to group, can any one help. My 5000 has gone deaf, down to 86dBm.
I suspected the RF amp and changed it, no difference, checked the protection diodes.ok.

If I inject signal with a probe from the o/p of the RF stage quite sensitive, as I move probe to front it gets weaker, voltages check out ok, is the tuning normally fairly flat?. L4003 and L4009 seem flat..

# 73. Re: VHF VXR-5000 No TX

Yahoo group: VXR5000
Date: 2013-01-24 19:10:20 UTC
From: Andy G3UEQ
Topic: 70  Message: 73

Most probably duff PA module, quite common on these radios. Mine did same thing and I fitted a Mitsubishi FET module..
http://www.minikits.com.au/components/mitsubishi/mitsubishi-rf-modules/RA30H4047M1

--- In VXR5000@yahoogroups.com, "ran123k" wrote:
>
> Hi. I have a vhf vxr-5000 with no tx. Measured power at the tx connector (pa output) is .015 watts. I measured the power out of the tx module, and I get roughly the same, .012 watts. What do you typically see at the output of the tx module?
>
> Thanks!
>

# 74. Wanted RX module for UHF VXR-5000

Yahoo group: VXR5000
Date: 2013-01-24 23:42:10 UTC
From: Andy G3UEQ
Topic: 74  Message: 74

Hi
Is anyone breaking or has a UHF version, Group C (430-450MHz) require RX module, preferably 12.5Khz but 25kHz ok.
Please contact off list.

# 75. RE: [VXR5000] Wanted RX module for UHF VXR-5000

Yahoo group: VXR5000
Date: 2013-01-25 10:07:21 UTC
From: g3ueq@talktalk.net
Topic: 74  Message: 75

Yaesu UK have found one for me, so please disregard
Andy

Original Message:
-----------------
From: Andy G3UEQ g3ueq@...
Date: Thu, 24 Jan 2013 23:42:10 -0000
To: VXR5000@yahoogroups.com
Subject: [VXR5000] Wanted RX module for UHF VXR-5000

Hi
Is anyone breaking or has a UHF version, Group C (430-450MHz) require RX module, preferably 12.5Khz but 25kHz ok.
Please contact off list.

---
myhosting.com - Premium Microsoft® Windows® and Linux web and application hosting - http://link.myhosting.com/myhosting

# 76. Chinese SQN-450 cavities

Yahoo group: VXR5000
Date: 2013-01-28 20:10:08 UTC
From: Andy G3UEQ
Topic: 76  Message: 76

Hi
Using one of these for my repeater, works well, however I would like to confirm tuning on site if anyone has used one.
I am aware these are reject filters but wish to confirm the correct tuning procedure for them. I assume the low port in my case TX is notched at RX frequency (high port) and vice versa, therefore am I correct in thinking the screws in the cavities on the high side are set for the TX notch. My frequencies are TX 430.9625MHz and RX 438.5625MHz
rgds
Andy

# 77. VHF VXR-5000 Manual

Yahoo group: VXR5000
Date: 2013-03-16 17:36:02 UTC
From: k6cks01
Topic: 77  Message: 77

Help!! I am in deep doo-doo. I have a VXR-5000 VHF that was recently purchased at a hamfest (yeah I know, first mistake). Actually the receiver tuned right up and turned a descent .25 uv for 12 dB SINAD. The exciter is proving to be more of a problem... I can't get the darn thing to lock in the Ham band and I am starting to think it is going to require some cap changes in the VCO. I am desparately looking for a pdf copy of the VHF version of the manual and can't find one anywhere.
Much Thanks!!
Rory, K6CKS
Fort Smith, AR.

# 78. RE: [VXR5000] VHF VXR-5000 Manual

Yahoo group: VXR5000
Date: 2013-03-17 11:29:26 UTC
From: Andy Hearn
Topic: 77  Message: 78
Attachments: 2 described; binary payloads are missing from this source WARC

Rory

Try contacting Sam Ruddy, service manager at Yaesu UK, he has been most helpful with my VXR5000 on my repeater, admittedly UHF one, really nice guy.

Sam Ruddy [sam.ruddy@...]

73

Andy G3UEQ

From: VXR5000@yahoogroups.com [mailto:VXR5000@yahoogroups.com] On Behalf Of k6cks01
Sent: 16 March 2013 17:36
To: VXR5000@yahoogroups.com
Subject: [VXR5000] VHF VXR-5000 Manual

Help!! I am in deep doo-doo. I have a VXR-5000 VHF that was recently purchased at a hamfest (yeah I know, first mistake). Actually the receiver tuned right up and turned a descent .25 uv for 12 dB SINAD. The exciter is proving to be more of a problem... I can't get the darn thing to lock in the Ham band and I am starting to think it is going to require some cap changes in the VCO. I am desparately looking for a pdf copy of the VHF version of the manual and can't find one anywhere.
Much Thanks!!
Rory, K6CKS
Fort Smith, AR.

## 79. I posted a real nice VXR-5000 on eBay . . .

Yahoo group: VXR5000
Date: 2013-05-01 02:55:00 UTC
From: m_shankman
Topic: 79  Message: 79

Go to eBay, search for:

"Vertex VHF Repeater VXR-5000 (1X) aka Yaesu Nice!"

Thanks for viewing.
Good Luck on your bidding!
- Stan

## 80. Vertex 5000 repeater

Yahoo group: VXR5000
Date: 2013-07-09 17:29:58 UTC
From: mrcasy
Topic: 80  Message: 80

I have a Vertex 5000 uhf repeater. what i did was program the radios in it for uhf 444.100 and use the 25 pin on the back and connect it to Allstar. let allstar be the controler, Works GREAT!

# 81. VXR-5000 UHF Dead

Yahoo group: VXR5000
Date: 2013-07-09 17:45:08 UTC
From: Bill
Topic: 81  Message: 81

Well, my VXR-5000 UHF repeater now has a dead transmitter. Before I begin troubleshooting, are there any common failures I should look for? What power level should I expect out of the exciter?

The exciter appears to be functioning, just have no power output from the PA deck.

Thanks.

Bill
WB0NSQ

# 82. Re: [VXR5000] VXR-5000 UHF Dead

Yahoo group: VXR5000
Date: 2013-07-09 17:53:23 UTC
From: Tim Porter
Topic: 81  Message: 82

Well, my VERTEX-5000 UHF

Mine does about 25 watts we turned ours down from 35 to 25 just to let it breath a little
and it was online for 3 years now, we did loose a final here about 6 months ago but got a new chip ordered and hopefully it will be back up to power soon.

its still online on Alstar 2341 hub here in deland florida
give up a call any time

thanks Tim k4kwq

*Tim Porter, K4KWQ *

*Amateur Radio*

*Team-speak** Server Administrator*

* *

On Tue, Jul 9, 2013 at 1:45 PM, Bill <groups@...> wrote:

> **
>
>
> Well, my VXR-5000 UHF repeater now has a dead transmitter. Before I
> begin troubleshooting, are there any common failures I should look for?
> What power level should I expect out of the exciter?
>
> The exciter appears to be functioning, just have no power output from
> the PA deck.
>
> Thanks.
>
> Bill
> WB0NSQ
>
>

# 83. RE: [VXR5000] VXR-5000 UHF Dead

Yahoo group: VXR5000
Date: 2013-07-10 08:20:27 UTC
From: g3ueq@talktalk.net
Topic: 81  Message: 83

Bill
Usual thing with these was a dead PA brick, mine went intermittent and fitted the Mitsubishi module from Mini.Kits in Australia with the added pcb kit they do for it

http://www.minikits.com.au/components/mitsubishi/mitsubishi-rf-modules/RA60H4047M1

73
Andy G3UEQ

Original email:
---
From: Bill groups@...
Date: Tue, 09 Jul 2013 12:45:08 -0500
To: VXR5000@yahoogroups.com
Subject: [VXR5000] VXR-5000 UHF Dead

Well, my VXR-5000 UHF repeater now has a dead transmitter. Before I begin troubleshooting, are there any common failures I should look for? What power level should I expect out of the exciter?

The exciter appears to be functioning, just have no power output from the PA deck.

Thanks.

Bill
WB0NSQ

---
mail2web.com ☐ What can On Demand Business Solutions do for you?
http://link.mail2web.com/Business/SharePoint

# 84. Re: [VXR5000] VXR-5000 UHF Dead

Yahoo group: VXR5000
Date: 2013-07-10 17:39:30 UTC
From: Bill
Topic: 81  Message: 84

How much drive should be present at the input to the PA deck?

I think it's the brick, but I want to make sure before I throw scarce money at it.

From what little we've done so far, it appears that we have about 16-18 mW out of the exciter module into the PA deck.

Bill
WB0NSQ

g3ueq@... wrote:
>
> Original email:
> -----------------
> From: Bill groups@...
> Date: Tue, 09 Jul 2013 12:45:08 -0500
> To: VXR5000@yahoogroups.com
> Subject: [VXR5000] VXR-5000 UHF Dead
>
>
> Well, my VXR-5000 UHF repeater now has a dead transmitter. Before I
> begin troubleshooting, are there any common failures I should look for?
> What power level should I expect out of the exciter?
>
> The exciter appears to be functioning, just have no power output from
> the PA deck.
>
> Thanks.
>
> Bill
> WB0NSQ
>
>
>
>
>
>
>

# 85. RE: [VXR5000] VXR-5000 UHF Dead

Yahoo group: VXR5000
Date: 2013-07-10 20:15:57 UTC
From: Andy Hearn
Topic: 81  Message: 85

I think mine was chucking out around 50mW, but measured that some time ago,
so not sure, can't check until the weekend!

Andy G3UEQ

From: VXR5000@yahoogroups.com [mailto:VXR5000@yahoogroups.com] On Behalf Of
Bill
Sent: 10 July 2013 18:40
To: VXR5000@yahoogroups.com
Subject: Re: [VXR5000] VXR-5000 UHF Dead

How much drive should be present at the input to the PA deck?

I think it's the brick, but I want to make sure before I throw scarce
money at it.

From what little we've done so far, it appears that we have about 16-18
mW out of the exciter module into the PA deck.

Bill
WB0NSQ

g3ueq@... <mailto:g3ueq%40talktalk.net> wrote:
>
> Original email:
> -----------------
> From: Bill groups@... <mailto:groups%40barnesfest.com>
> Date: Tue, 09 Jul 2013 12:45:08 -0500
> To: VXR5000@yahoogroups.com <mailto:VXR5000%40yahoogroups.com>
> Subject: [VXR5000] VXR-5000 UHF Dead
>
>
> Well, my VXR-5000 UHF repeater now has a dead transmitter. Before I
> begin troubleshooting, are there any common failures I should look for?
> What power level should I expect out of the exciter?
>
> The exciter appears to be functioning, just have no power output from
> the PA deck.
>
> Thanks.
>
> Bill
> WB0NSQ
>
>
>
>

>
>

# 86. Re: [VXR5000] VXR-5000 UHF Dead

Yahoo group: VXR5000
Date: 2013-07-11 04:28:32 UTC
From: Bill
Topic: 81  Message: 86

Thanks everyone. I've confirmed tonight the PA brick is dead.

Bill
WB0NSQ

# 87. Re: [VXR5000] VXR-5000 UHF Dead

Yahoo group: VXR5000
Date: 2013-07-11 08:59:32 UTC
From: g3ueq@talktalk.net
Topic: 81  Message: 87

After I had fitted replacement, I took mine apart and found a dry joint on the board, can't remember where but when I sorted that , tried brick in a PMR radio and it was FB again, they do seem to fail rather easily. I noticed in my VXR-5000 there was an awful lot of heat-sink compound, you only need the thinnest even smear. Maybe thats why mine failed, due to heat differential across the plate.
73
Andy G3UEQ

Original email:
---
From: Bill groups@...
Date: Wed, 10 Jul 2013 23:28:32 -0500
To: VXR5000@yahoogroups.com
Subject: Re: [VXR5000] VXR-5000 UHF Dead

Thanks everyone. I've confirmed tonight the PA brick is dead.

Bill
WB0NSQ

---
mail2web.com ☐ Enhanced email for the mobile individual based on Microsoft® Exchange - http://link.mail2web.com/Personal/EnhancedEmail

# 88. Re: [VXR5000] VXR-5000 UHF Dead

Yahoo group: VXR5000
Date: 2013-07-11 17:54:23 UTC
From: Richard Fjeld
Topic: 81  Message: 88

I will add my two cents. I have long wondered if heat sink compound is right or wrong. It is right when fresh, but wrong when it dries out. So in the long haul, maybe a good clean mechanical joint may be better perhaps??? I don't want to test it.

I have seen comments about running the VXR-5000 at 35 watts. Ours is only rated for 25, unless a higher power PA was an option. We don't run ours more than 17 watts for two reasons:
1. We want the transmit footprint to equal the receive footprint. (RF rich location)
2. It gets environmentally hot at the location, so lower power is better for the finals.

We keep fans running across our finals also.

Dick, n0ce

----- Original Message -----
From: g3ueq@...
To: VXR5000@yahoogroups.com
Sent: Thursday, July 11, 2013 3:59 AM
Subject: Re: [VXR5000] VXR-5000 UHF Dead

After I had fitted replacement, I took mine apart and found a dry joint on the board, can't remember where but when I sorted that , tried brick in a PMR radio and it was FB again, they do seem to fail rather easily. I noticed in my VXR-5000 there was an awful lot of heat-sink compound, you only need the thinnest even smear. Maybe thats why mine failed, due to heat differential across the plate.
73
Andy G3UEQ

Original email:
-----------------
From: Bill groups@barnesfest.com
Date: Wed, 10 Jul 2013 23:28:32 -0500
To: VXR5000@...m
Subject: Re: [VXR5000] VXR-5000 UHF Dead

Thanks everyone. I've confirmed tonight the PA brick is dead.

Bill
WB0NSQ

---
mail2web.com - Enhanced email for the mobile individual based on Microsoft® Exchange - http://link.mail2web.com/Personal/EnhancedEmail

# 89. Re: [VXR5000] VXR-5000 UHF Dead

Yahoo group: VXR5000
Date: 2013-07-12 08:39:58 UTC
From: g3ueq@talktalk.net
Topic: 81  Message: 89

Dick
Share your two cents worth..However since fitting 50 watt module to my UHF VXR-5000, our license NOV now only allows to run out of the PA 7 watts!!, as we are in a residential area on a low plain with lots of digital tv signals that are not too strong and car key fobs on 433.920MHz. So I guess mine runs pretty cool now!
73
Andy G3UEQ (GB3CC)

Original email:
---
From: Richard Fjeld rpfjeld@...
Date: Thu, 11 Jul 2013 12:54:23 -0500
To: VXR5000@yahoogroups.com
Subject: Re: [VXR5000] VXR-5000 UHF Dead

I will add my two cents. I have long wondered if heat sink compound is right or wrong. It is right when fresh, but wrong when it dries out. So in the long haul, maybe a good clean mechanical joint may be better perhaps??? I don't want to test it.

I have seen comments about running the VXR-5000 at 35 watts. Ours is only rated for 25, unless a higher power PA was an option. We don't run ours more than 17 watts for two reasons:
1. We want the transmit footprint to equal the receive footprint. (RF rich location)
2. It gets environmentally hot at the location, so lower power is better for the finals.

We keep fans running across our finals also.

Dick, n0ce

----- Original Message -----
From: g3ueq@...
To: VXR5000@yahoogroups.com
Sent: Thursday, July 11, 2013 3:59 AM
Subject: Re: [VXR5000] VXR-5000 UHF Dead

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differential across the plate.
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Andy G3UEQ

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From: Bill groups@...
Date: Wed, 10 Jul 2013 23:28:32 -0500
To: VXR5000@yahoogroups.com
Subject: Re: [VXR5000] VXR-5000 UHF Dead

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---
mail2web LIVE ☐ Free email based on Microsoft® Exchange technology -
http://link.mail2web.com/LIVE

# 90. Re: [VXR5000] VXR-5000 UHF Dead

Yahoo group: VXR5000
Date: 2013-07-12 19:20:26 UTC
From: Richard Fjeld
Topic: 81  Message: 90

I'm glad you mentioned the key fob freq. We have had a bunch of stuff on our UHF repeater. I will look for that.

Thanks,

Dick, n0ce

----- Original Message -----
From: g3ueq@...
To: VXR5000@...m
Sent: Friday, July 12, 2013 3:39 AM
Subject: Re: [VXR5000] VXR-5000 UHF Dead

Dick
Share your two cents worth..However since fitting 50 watt module to my UHF VXR-5000, our license NOV now only allows to run out of the PA 7 watts!!, as we are in a residential area on a low plain with lots of digital tv signals that are not too strong and car key fobs on 433.920MHz. So I guess mine runs pretty cool now!
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Andy G3UEQ (GB3CC)

Original email:
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From: Richard Fjeld rpfjeld@embarqmail.com
Date: Thu, 11 Jul 2013 12:54:23 -0500
To: VXR5000@yahoogroups.com
Subject: Re: [VXR5000] VXR-5000 UHF Dead

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Dick, n0ce

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From: g3ueq@...
To: VXR5000@yahoogroups.com
Sent: Thursday, July 11, 2013 3:59 AM
Subject: Re: [VXR5000] VXR-5000 UHF Dead

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---
mail2web.com - Enhanced email for the mobile individual based on Microsoft®
Exchange - http://link.mail2web.com/Personal/EnhancedEmail

---
mail2web LIVE - Free email based on Microsoft® Exchange technology - http://link.mail2web.com/LIVE

# 91. RE: [VXR5000] VXR-5000 UHF Dead

Yahoo group: VXR5000
Date: 2013-07-12 22:00:07 UTC
From: Andy Hearn
Topic: 81  Message: 91

Richard

I don't know if that frequency applies to the USA, it's sort of pan-European, it's also used for license free remote controls, data links, traffic lights(portable). Fortunately the European commission have had sense for a while now and adopting a frequency up around 860MHz. Why the idiots chose 433.92 is beyond belief. I think a lot of North America uses 315MHz.

Andy G3UEQ

From: VXR5000@yahoogroups.com [mailto:VXR5000@yahoogroups.com] On Behalf Of Richard Fjeld
Sent: 12 July 2013 20:20
To: VXR5000@yahoogroups.com
Subject: Re: [VXR5000] VXR-5000 UHF Dead

I'm glad you mentioned the key fob freq. We have had a bunch of stuff on our UHF repeater. I will look for that.

Thanks,

Dick, n0ce

----- Original Message -----

From: g3ueq@...

To: VXR5000@yahoogroups.com

Sent: Friday, July 12, 2013 3:39 AM

Subject: Re: [VXR5000] VXR-5000 UHF Dead

Dick
Share your two cents worth..However since fitting 50 watt module to my UHF VXR-5000, our license NOV now only allows to run out of the PA 7 watts!!, as we are in a residential area on a low plain with lots of digital tv signals that are not too strong and car key fobs on 433.920MHz. So I guess mine runs pretty cool now!
73
Andy G3UEQ (GB3CC)

Original email:
-----------------
From: Richard Fjeld rpfjeld@... <mailto:rpfjeld%40embarqmail.com>

Date: Thu, 11 Jul 2013 12:54:23 -0500
To: VXR5000@yahoogroups.com <mailto:VXR5000%40yahoogroups.com>

Subject: Re: [VXR5000] VXR-5000 UHF Dead

I will add my two cents. I have long wondered if heat sink compound is right or wrong. It is right when fresh, but wrong when it dries out. So in the long haul, maybe a good clean mechanical joint may be better perhaps??? I don't want to test it.

I have seen comments about running the VXR-5000 at 35 watts. Ours is only rated for 25, unless a higher power PA was an option. We don't run ours more than 17 watts for two reasons:
1. We want the transmit footprint to equal the receive footprint. (RF rich location)
2. It gets environmentally hot at the location, so lower power is better for the finals.

We keep fans running across our finals also.

Dick, n0ce

----- Original Message -----
From: g3ueq@... <mailto:g3ueq%40talktalk.net>
To: VXR5000@yahoogroups.com <mailto:VXR5000%40yahoogroups.com>
Sent: Thursday, July 11, 2013 3:59 AM
Subject: Re: [VXR5000] VXR-5000 UHF Dead

After I had fitted replacement, I took mine apart and found a dry joint on the board, can't remember where but when I sorted that , tried brick in a PMR radio and it was FB again, they do seem to fail rather easily. I noticed in my VXR-5000 there was an awful lot of heat-sink compound, you only need the thinnest even smear. Maybe thats why mine failed, due to heat
differential across the plate.
73
Andy G3UEQ

Original email:
-----------------
From: Bill groups@... <mailto:groups%40barnesfest.com>
Date: Wed, 10 Jul 2013 23:28:32 -0500
To: VXR5000@yahoogroups.com <mailto:VXR5000%40yahoogroups.com>
Subject: Re: [VXR5000] VXR-5000 UHF Dead

Thanks everyone. I've confirmed tonight the PA brick is dead.

Bill
WB0NSQ

---
mail2web.com - Enhanced email for the mobile individual based on MicrosoftR
Exchange - http://link.mail2web.com/Personal/EnhancedEmail

---
mail2web LIVE - Free email based on MicrosoftR Exchange technology -
http://link.mail2web.com/LIVE

# 92. Re: [VXR5000] VXR-5000 UHF Dead

Yahoo group: VXR5000
Date: 2013-07-13 00:05:22 UTC
From: Richard Fjeld
Topic: 81  Message: 92

I will test mine with a frequency counter if I can.

Thanks

----- Original Message -----
From: Andy Hearn
To: VXR5000@yahoogroups.com
Sent: Friday, July 12, 2013 5:00 PM
Subject: RE: [VXR5000] VXR-5000 UHF Dead

Richard

I don't know if that frequency applies to the USA, it's sort of pan-European, it's also used for license free remote controls, data links, traffic lights(portable). Fortunately the European commission have had sense for a while now and adopting a frequency up around 860MHz. Why the idiots chose 433.92 is beyond belief. I think a lot of North America uses 315MHz.

Andy G3UEQ

# 93. RE: [VXR5000] VXR-5000 UHF Dead

Yahoo group: VXR5000
Date: 2013-07-13 19:26:40 UTC
From: Andy Hearn
Topic: 81  Message: 93

Doubt if you can, it's only a short burst of data, best thing is to open the key fob and you should see a SAW resonator in there, they normally mark frequency on the top of the can

Andy

From: VXR5000@yahoogroups.com [mailto:VXR5000@yahoogroups.com] On Behalf Of Richard Fjeld
Sent: 13 July 2013 01:05
To: VXR5000@yahoogroups.com
Subject: Re: [VXR5000] VXR-5000 UHF Dead

I will test mine with a frequency counter if I can.

Thanks

----- Original Message -----

From: Andy Hearn <mailto:g3ueq@...>

To: VXR5000@yahoogroups.com

Sent: Friday, July 12, 2013 5:00 PM

Subject: RE: [VXR5000] VXR-5000 UHF Dead

Richard

I don't know if that frequency applies to the USA, it's sort of pan-European, it's also used for license free remote controls, data links, traffic lights(portable). Fortunately the European commission have had sense for a while now and adopting a frequency up around 860MHz. Why the idiots chose 433.92 is beyond belief. I think a lot of North America uses 315MHz.

Andy G3UEQ

## 94. vpl-1

Yahoo group: VXR5000
Date: 2013-07-21 01:56:20 UTC
From: highplainsrepair
Topic: 94  Message: 94

Does anyone have the correct programming cable?? Have tried 2 china ones no luck??

# 95. Re: [VXR5000] vpl-1

Yahoo group: VXR5000
Date: 2013-07-21 02:44:06 UTC
From: Tim Porter
Topic: 94  Message: 95

http://www.ebay.com/itm/USB-Programming-cable-Vertex-radio-VX-4000-VX-3000-VXR-7000-VXR-1000-VXR-5000-/310693225616?pt=LH_DefaultDomain_2&hash=item4856c26490

try that one worked fine here when they programmed mine
73 good luck

de k4kwq

*Tim Porter, K4KWQ *

*Amateur Radio*

*Team-speak** Server Administrator*

* *

On Sat, Jul 20, 2013 at 9:56 PM, highplainsrepair <mtncatmike@...>wrote:

> **
>
>
> Does anyone have the correct programming cable?? Have tried 2 china ones
> no luck??
>
>
>

# 96. VHF PA hybrid module

Yahoo group: VXR5000
Date: 2013-07-21 16:58:12 UTC
From: measures@rogers.com
Topic: 96  Message: 96

Hello group, Looking for recommendations on a replacement Hybrid VHF pa module. Our VXR5000 VHF repeater output failed and have found the usual suspect to be the rf module. Any advice or suggestions as to a reliable 25watt module ? Thanks, Doug

# 97. Test - no text

Yahoo group: VXR5000
Date: 2013-08-27 12:31:31 UTC
From: gm7svk
Topic: 97  Message: 97

[Body unavailable in the source archive]

# 98. Re: [VXR5000] Test - no text

Yahoo group: VXR5000
Date: 2013-08-27 19:30:11 UTC
From: Richard Fjeld
Topic: 97  Message: 98

I seem to have lost the call on this computer, but if my memory serves me correctly,
I recognize this call as belonging to my friend Doug.

If you are testing because of an email problem, we should compare notes.
I recently discovered something disappointing.

BTW, you may not be able to get a test message sent back to you. That is what I experience.

73,
Dick, n0ce

---

To: VXR5000@yahoogroups.com
From: specialq.que@...
Date: Tue, 27 Aug 2013 12:31:31 +0000
Subject: [VXR5000] Test - no text

# 99. VXR5000 to S-COM 7330 Interface

Yahoo group: VXR5000
Date: 2013-09-18 22:47:14 UTC
From: <kf6jef@...>
Topic: 99  Message: 99

Folks I was hoping I could get some advice on interfacing our new S-COM 7330 to our VXR5000 Repeaters. Has anyone had the opportunity to do this and could you provide any suggestions or advice.

Cheers an 73's

Rich

# 100. VHF Owners and service manuals in PDF

Yahoo group: VXR5000
Date: 2014-03-12 13:17:50 UTC
From: <kb8qeu1993@...>
Topic: 100  Message: 100

Hi

New to the group.

Yahoo sure has changed the layout a LOT!!

Anyway, I need the Owner's Manual and Service Manual to the VXR-5000V in PDF.

Can anyone help?

Thanks in advance!

Ed - KB8QEU

# 101. Re: VHF VXR-5000 Manual

Yahoo group: VXR5000
Date: 2014-03-12 13:20:47 UTC
From: <kb8qeu1993@...>
Topic: 77  Message: 101

Did you get the VXR-5000V manuals? Especially the Service Manual?

Ed

# 102. RE: [VXR5000] VHF Owners and service manuals in PDF

Yahoo group: VXR5000
Date: 2014-03-12 21:03:59 UTC
From: Andy Hearn
Topic: 100  Message: 102

Hi Ed

I have the manual but it is in zip format and 18mB, not sure how I can get this to you, I expect I could load it up to the group site somewhere.

73

Andy G3UEQ

From: VXR5000@yahoogroups.com [mailto:VXR5000@yahoogroups.com] On Behalf Of kb8qeu1993@...
Sent: 12 March 2014 13:18
To: VXR5000@yahoogroups.com
Subject: [VXR5000] VHF Owners and service manuals in PDF

Hi

New to the group.

Yahoo sure has changed the layout a LOT!!

Anyway, I need the Owner's Manual and Service Manual to the VXR-5000V in PDF.

Can anyone help?

Thanks in advance!

Ed - KB8QEU

# 103. RE: [VXR5000] Re: VHF VXR-5000 Manual

Yahoo group: VXR5000
Date: 2014-03-12 21:12:14 UTC
From: Andy Hearn
Topic: 77  Message: 103

Ed

Not sure if you are replying to me as previous text was not included, it is the service manual and technical description.

Andy G3UEQ

From: VXR5000@yahoogroups.com [mailto:VXR5000@yahoogroups.com] On Behalf Of kb8qeu1993@...
Sent: 12 March 2014 13:21
To: VXR5000@yahoogroups.com
Subject: [VXR5000] Re: VHF VXR-5000 Manual

Did you get the VXR-5000V manuals? Especially the Service Manual?

Ed

# 104. RE: [VXR5000] VHF Owners and service manuals in PDF

Yahoo group: VXR5000
Date: 2014-03-12 21:20:12 UTC
From: Andy Hearn
Topic: 100  Message: 104

Ed

I tried opening the ones already in the files section and they will not open, comes up and asks for a disk to be inserted, I have full Winzip that opens RAR files normally, is this the problem you can't download it?

Andy G3UEQ

From: VXR5000@yahoogroups.com [mailto:VXR5000@yahoogroups.com] On Behalf Of kb8qeu1993@...
Sent: 12 March 2014 13:18
To: VXR5000@yahoogroups.com
Subject: [VXR5000] VHF Owners and service manuals in PDF

Hi

New to the group.

Yahoo sure has changed the layout a LOT!!

Anyway, I need the Owner's Manual and Service Manual to the VXR-5000V in PDF.

Can anyone help?

Thanks in advance!

Ed - KB8QEU

# 105. 600 ohm load

Yahoo group: VXR5000
Date: 2014-04-15 20:24:22 UTC
From: <n2kpk@...>
Topic: 105  Message: 105

How to use a 600 ohm load to test receiver accrding to service manual alignment section.
Can anyone give info on how to make and use it.
Is it needed?
Thanks Jay

# 106. Re: [VXR5000] 600 ohm load

Yahoo group: VXR5000
Date: 2014-04-15 23:20:29 UTC
From: George
Topic: 105  Message: 106

I believe I would first check the performance of the receiver before I touched anything. You can really get things messed up. This is a programmable receiver, and should have tracking voltage to maintain proper tuning with freq change. Not looking at a manual, but I would assume you would put the 600 ohm load on the receiver line audio out, not discriminator out, attach a voltmeter and or scope. Use a tone modulated fm signal generator with rf level attenuator set at a level near the threshold of the receiver at the input frequency and see how much rf signal it takes to break the squelch. If it does not meet spec. follow directions for tuning. Usually tune for the max audio voltage and watch the scope to ensure the best signal to noise ratio.

Sent from my iPhone

On Apr 15, 2014, at 3:24 PM, n2kpk@verizon.net wrote:

>
>
> How to use a 600 ohm load to test receiver accrding to service manual alignment section.
> Can anyone give info on how to make and use it.
> Is it needed?
> Thanks Jay
>
>
>

# 107. VXR5000 Variant D - 450-512 Mhz.Using the repeter for data

Yahoo group: VXR5000
Date: 2014-04-22 13:59:23 UTC
From: <f5vmh@...>
Topic: 107  Message: 107

Dear All ,
Recently I bougth a VXR 5000 - D variant, repeter ,covering 450-512 Mhz.
Have ,any of you, the experience of adapting it for the radioamateurs band in EU (430-440 Mhz).I soupose the software can program the wihs frecvencies.

The second question ,did any of you know if I can modifid it for data in/out.
In fact I would like to use it to make an DSTAR repeter ;

73,
Theo
F5VMH

# 108. RE: [VXR5000] VXR5000 Variant D - 450-512 Mhz.Using the repeter for data

Yahoo group: VXR5000
Date: 2014-04-22 19:30:46 UTC
From: Andy Hearn
Topic: 107  Message: 108

Theo

I use one on my repeater GB3CC, and used the C5 software with a programming lead from an EBay Chinese seller. If you cannot find the software, I have it somewhere.

Regarding modifying for Dstar, mine is just used as analogue repeater at present, so no experience, but other users on group should be able to help. Here in the UK Motorola DMR is getting very popular and a lot cheaper for users than one brand Dstar.

73

Andy g3UEQ

From: VXR5000@yahoogroups.com [mailto:VXR5000@yahoogroups.com] On Behalf Of f5vmh@...
Sent: 22 April 2014 14:59
To: VXR5000@yahoogroups.com
Subject: [VXR5000] VXR5000 Variant D - 450-512 Mhz.Using the repeter for data

Dear All ,

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In fact I would like to use it to make an DSTAR repeter ;

73,

Theo

F5VMH

# 109. Re: [VXR5000] VXR5000 Variant D - 450-512 Mhz.Using the repeter for data

Yahoo group: VXR5000
Date: 2014-04-23 12:09:15 UTC
From: f5vmh@...
Topic: 107  Message: 109

Dear Andy,
Thank you for your feedback on my message.
In fact I will try to program it, durring the meeting.I have ordered the programing cable to http://radioarena.co.uk .
My question was also to know if somebody have the experience ,if it necessary to make other adjustemet in the RX/TX blocks on adjusting the IN/Out circuits.

Also to know if somebody have experience how to modify for IN/OUT data .For the DSTAR I will use a cip solution,DVRPTR 1.

Thank you ,
73
Theo

----- Mail original -----
De: "Andy Hearn" <g3ueq@...>
À: VXR5000@yahoogroups.com
Envoyé: Mardi 22 Avril 2014 21:30:46
Objet: RE: [VXR5000] VXR5000 Variant D - 450-512 Mhz.Using the repeter for data

Theo

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From: VXR5000@yahoogroups.com [mailto:VXR5000@yahoogroups.com] On Behalf Of f5vmh@...
Sent: 22 April 2014 14:59
To: VXR5000@yahoogroups.com
Subject: [VXR5000] VXR5000 Variant D - 450-512 Mhz.Using the repeter for data

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The second question ,did any of you know if I can modifid it for data in/out.

In fact I would like to use it to make an DSTAR repeter ;

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Theo

F5VMH

# 110. Re: [VXR5000] VXR5000 Variant D - 450-512 Mhz.Using the repeter for data

Yahoo group: VXR5000
Date: 2014-05-07 22:51:03 UTC
From: <n2kpk@...>
Topic: 107  Message: 110

Hi Theo

http://www.n8dnx.org/NQSMHS_to_VXR5000.pdf http://www.n8dnx.org/NQSMHS_to_VXR5000.pdf

Read that PDF file. For modification...
Jay n2gq

# 111. a very loud bang !

Yahoo group: VXR5000
Date: 2014-06-24 21:28:18 UTC
From: waitingroom34@...
Topic: 111  Message: 111

hello all you learned people
i have just taken delivery of a vhf vxr5000 and to my horror it was a box of loose items. every plug was disconnected and all the covers were off and the pa block has been un soldered so it looks like someone has been looking for a fault.
i re connected all the connectors except the pa and got the front ac led to light and another red one on a board.
ten seconds later there was a loud bang and capacitor c2081 on the control board disapeared leaving just two soldered wires.
can any one tell me what value it was please and also do you know where to go for a manual, the link on here seems not to work for me and without one i am sunk.
kind regards
john

# 112. Re: [VXR5000] a very loud bang !

Yahoo group: VXR5000
Date: 2014-06-25 12:07:39 UTC
From: Garrett Ramsey
Topic: 111  Message: 112

I don't have anything for the VHF model, but I sent you a copy of the UHF manual that might help.

Regards,
Garrett

---
From: "waitingroom34@... [VXR5000]" <VXR5000@yahoogroups.com>
To: VXR5000@yahoogroups.com
Sent: Tuesday, June 24, 2014 4:28 PM
Subject: [VXR5000] a very loud bang !

hello all you learned people
i have just taken delivery of a vhf vxr5000 and to my horror it was a box of loose items. every plug was disconnected and all the covers were off and the pa block has been un soldered so it looks like someone has been looking for a fault.
i re connected all the connectors except the pa and got the front ac led to light and another red one on a board.
ten seconds later there was a loud bang and capacitor c2081 on the control board disapeared leaving just two soldered wires.
can any one tell me what value it was please and also do you know where to go for a manual, the link on here seems not to work for me and without one i am sunk.
kind regards
john

# 113. Re: a very loud bang !

Yahoo group: VXR5000
Date: 2014-06-27 21:48:41 UTC
From: waitingroom34@...
Topic: 111  Message: 113

Just an update, the capacitor was replaced as per the drawings (thank you ) and it instantly blew again.
the cause is the power supply is not regulating but passing the full rectified voltage onto the 13.8 volt rail goodness knows what other damage this has done.
it is also interesting that the capacitor is rated as 100ufd at 10v but used on the 13.8 rail.
the moment i took the cover off and found everything disconnected i knew i was going to have problems.
the manual also tells me the radio i obtained is not the range that covers the amatuer band but the next higher band so its not just a reprogram job.
the leason learned is not to buy what you cant see first and to look up the model numbers and not go by the general description of "vhf"
thanks to thoes who responded to my topic
john

# 114. Mods up 160mhz VXR5000

Yahoo group: VXR5000
Date: 2014-06-28 12:22:44 UTC
From: p.conforto@...
Topic: 114  Message: 114

Can anyone tell me how to change the vxr5000 from the band by radio amateurs to the civil 160MHz up? thanks

## 115. switch

Yahoo group: VXR5000
Date: 2014-11-25 20:42:33 UTC
From: gmradiocom@...
Topic: 115  Message: 115

Inside the vxr 5000 vhf version there are two switches what they do?

## 116. Re: switch

Yahoo group: VXR5000
Date: 2014-11-26 14:15:44 UTC
From: kg4rul@...
Topic: 115  Message: 116

If you are referring to the switches on the Control 2 board, they are S2003 (Intercom) and S2006 (DCS Mode Selection). Leave both of them in their original position for normal operation.

# 198. EEPROM problem

Yahoo group: VXR5000
Date: 2016-11-23 14:29:43 UTC
From: pegloff@...
Topic: 198  Message: 198

Hello,

We have a VXR5000 runing since several years now.
We wanted to change something in the TCS and we connected a cable that we already used. But it's not a genuine Yaesu cable...

We failed several times to download the actual settings and after a while, the ALARM Led was lightning... :-(

We checked the cable and saw that is was not working properly.

I repaired it and now the VXR5000 answer "Problem detected in EEPROM"... Sounds bad !!

I tried to upload and download our old configuration file, but same results...

Is there a way to bring it back to life ?

Thanks for any help !
73, Patrick TK5EP.

# 199. Test

Yahoo group: VXR5000
Date: 2016-11-24 18:21:52 UTC
From: pegloff@...
Topic: 199  Message: 199

Test. Still alive ?

# 200. Re: Test

Yahoo group: VXR5000
Date: 2016-12-03 18:02:39 UTC
From: doug@...
Topic: 199  Message: 200

I'm here, but I don't have a solution to your EEPROM issue.

Shame, as I've never found a repeater with better audio quality that a VXR.

# 201. Re: [VXR5000] Re: Test

Yahoo group: VXR5000
Date: 2016-12-04 07:51:24 UTC
From: Patrick EGLOFF
Topic: 199  Message: 201

Hi

Thanks for answering..

Do you have a VHF VXR5000 around ??

A solution might be to read your configuration and send me a copy of the EEPROM dump (F7 key i guess).

I probably can program the EEPROM outside the VXR5000 and make a try with a valid EEPROM content ...

Thanks

2016-12-03 19:02 GMT+01:00 doug@... [VXR5000] <VXR5000@yahoogroups.com>:

>
>
> I'm here, but I don't have a solution to your EEPROM issue.
>
> Shame, as I've never found a repeater with better audio quality that a VXR.
>
>

--
Patrick Egloff - TK5EP
email : pegloff@...
Web page : http://www.egloff.eu